**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

TMDL Group ID:

76092

VAT-C10E\_ZZZ01A06

Unsegmented estuaries in C10E-CB7PH.

ACCOMACK CO **NORTHAMPTON CO** 

Evaluated non segmented portions of C10E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct

harvesting condemnations.

VA Overall AU Category:

Use

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 

5A

76092

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1232 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Chesapeake Bay/Atl	lantic/Small Coastal Basins				
TMDL Watershed Name:		Antipoison Cre	ek		
TMDL Group ID:	00947				
VAP-C01E_ANT01A98	Antipoison Creek	LANCASTER CO	Described in the condemnation notice 017-188A, 7/13/2004.		
			Size extended in 2006 cycle, and now incorporates old segment ANT02A00, which was deleted		
			СВ5МН		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.44 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Scheo	dule Impairment Specific Comments and/or Impairment Specific VA Category		
Shellfishing	Fecal Coliform	00947 <b>1998 2010</b>	VAP-C01E-28		
			VDH-DSS Shellfish Condemnation Notice 017-188, 7/13/2004		
	0		Expanded in 2006 cycle.		
T100 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sources: Source Unknown				
TMDL Watershed Name:	Arbuckle Creek				
TMDL Group ID:	76019				
VAT-D02E_ARB01A06	Arbuckle Creek	ACCOMACK CO	Southeast of Persimmon Point, between the mouth of Assawoman Creek and Womans Bay. DSS shellfish condemnation # 099-135A (Effective date 2004-12-30).		
VA Overall AU Category: <b>5B</b> Use	Impairment 0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Scheo	dula Impairment Cassific Comments and/or Impairment Cassific VA Catagory		
Shellfishing	Fecal Coliform	76019 <b>2006 2018</b>	Jule Impairment Specific Comments and/or Impairment Specific VA Category Added to DSS shellfish condemnation # 099-135A for 2006 IR. Effective date 2004-12.		
-	Sources: So	ource Unknown	30.		
TMDL Watershed Name:	Assawoman Creek				
TMDL Group ID:	76125				
VAT-D02E_ASW01A00	Assawoman Creek - Upper	ACCOMACK CO	From headwaters downstream to confluence of Petit Branch (RM 3.4). Portion of DSS shellfish condemnation # 099-135A.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Scheo	dule Impairment Specific Comments and/or Impairment Specific VA Category		
Recreation	Enterococcus	76125 <b>2006 2010</b>	Need FC data to confirm assessment derived from downstream impairment @ 7-ASW003.36. The Recreation Use is impaired due to exceedance of the criteria for Enterococci ( 4 violates / 12 obs. ) bacteria extrapolated from downstream station.		
	Sources: So	ource Unknown	Enterocood ( + violates / 12 obs. ) bacteria extrapolated from downstream Station.		

Assessment Unit ID	Waterbody Name	City / County	y* Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basin	S	
TMDL Watershed Name:		Assawo	oman Creek
TMDL Group ID:	76125		
VAT-D02E_ASW02A00	Assawoman Creek - Lower	ACCOMACK C	From confluence of Petit Branch downstream to mouth. Portion of DSS shellfish condemnation # 099-135A (Effective date 2002-09-26).
VA Overall AU Category: 5A Use Recreation	Impairment 0.06 SQUARE MILES  Enterococcus	6 TMDL Group ID First Listed on 303(d) 76125 <b>2006</b>	The Recreatiion Use is impaired due to exceedance of the criteria for Enterococci (4
			violates / 12 obs. ). Recreation Use impaired due to Enterococcus concentrations exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment).
	Sources: S	Source Unknown	
TMDL Watershed Name:		Assawomar	n Creek, Lower
TMDL Group ID:	00429		
VAT-D02E_ASW02A00	Assawoman Creek - Lower	ACCOMACK C	From confluence of Petit Branch downstream to mouth. Portion of DSS shellfish condemnation # 099-135A (Effective date 2002-09-26).
VA Overall AU Category: <b>5A</b> Use Shellfishing	Fecal Coliform	5 TMDL Group ID First Listed on 303(d) 00429 1998 Source Unknown	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 2010
TMDL Group ID:	01457		
VAT-D02E_ASW02A00	Assawoman Creek - Lower	ACCOMACK C	From confluence of Petit Branch downstream to mouth. Portion of DSS shellfish condemnation # 099-135A (Effective date 2002-09-26).
VA Overall AU Category: 5A Use		5 TMDL Group ID First Listed on 303(d)	
Aquatic Life	Oxygen, Dissolved	01457 <b>2004</b>	The 2004 IR DO impairment is retained until improvement can be confirmed in next assessment (2006 IR data showed 3 violates / 30 obs. = 10.0% violation rate).
	Sources: S	Source Unknown	

Assessment Unit ID	Waterbody Name	City / County	y* Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins	S	
TMDL Watershed Name:		Assawomar	n Creek, Upper
TMDL Group ID:	01250		
VAT-D02E_ASW01A00	Assawoman Creek - Upper	ACCOMACK C	From headwaters downstream to confluence of Petit Branch (RM 3.4). Portion of DSS shellfish condemnation # 099-135A.
VA Overall AU Category: 5A Use Shellfishing	Fecal Coliform	TMDL Group ID First Listed on 303(d) 01250 1998 source Unknown	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 2010
TMDL Watershed Name:		Bacl	k Creek
TMDL Group ID:	00994		
VAP-C04E_BKA01A98	Back Creek	GLOUCESTER (	CO Described in the condemnation notice 042-157C, 9/15/2004.
			Size adjusted in 2006, although area did not change
			МОВРН
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.08 SQUARE MILES Fecal Coliform	TMDL Group ID First Listed on 303(d) 00994 <b>1998</b>	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  2010 VAP-C04E-10
			VDH-DSS SFC Number 042-157C, 9/17/2004
	Sources: S	Source Unknown	
TMDL Group ID:	01755		
VAT-C07E_BCK01A00	Back Creek - Upper	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. From end of tidal waters downstream to point upstream of Dandy (RM 1.6). CBP Segment MOBPH. DSS shellfish condemnation # 053-151A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d)	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01755 <b>1998</b>	2010 DSS shellfish condemnation # 053-151A (Effective 2004 IR = 2001-04-30 & for 2006
	Sources: S	Source Unknown	IR = 2005-11-03).

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Back River, Northwest Branch TMDL Watershed Name: TMDL Group ID: 01214 VAT-C07E\_NWB01A06 Northwest Br. Back River - Upper HAMPTON CITY Headwaters to confluence of Topping Creek @ RM 1.5, end of DSS POQUOSON CITY CITY shellfish condemnation #054-021C. Condemnation less Cedar/Topping & Brick Kiln Creeks. CBP Segment MOBPH. VA Overall AU Category: 5A **Impairment** 0.39 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Shellfishing **Fecal Coliform** 01214 2004 2010 Sources: Source Unknown TMDL Watershed Name: Back River, Southwest Branch (Upper) TMDL Group ID: 01217 VAT-C07E SWB01A06 Southwest Branch - Back River HAMPTON CITY Headwaters of Southwest Branch downstream to mouth, confluence with Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E. CBP segment MOBPH. VA Overall AU Category: **Impairment** Use 1.76 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing 01217 2010 DSS shellfish condemnation # 054-021F **Fecal Coliform** 2006 Sources: Source Unknown TMDL Group ID: 01437 **HAMPTON CITY** Headwaters of Southwest Branch downstream to mouth, confluence with VAT-C07E SWB01A06 Southwest Branch - Back River Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E. CBP segment MOBPH. VA Overall AU Category: 5A Use **Impairment** 1.76 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category **Fecal Coliform** 01437 2006 2014 Recreation Previous DEQ station showed impairment @7-SWB000.00 for Fecal Coliform bacteria (2002 IR). The Recreation Use is impaired due to previous Fecal Coliform data recorded during the 2002 IR which indicated exceedance of the bactreia criteria, there are no current data to assess the Recreation Use. Sources: Source Unknown TMDL Watershed Name: **Bagwell Creek** TMDL Group ID: 00362 VAT-C10E BAG01A00 **Bagwell Creek** ACCOMACK CO Northwest of Town of Justisville. Entirety of creek. Portion of CBP segment POCMH, DSS shellfish direct harvesting condemnation # 077-138 C. VA Overall AU Category: **Impairment** Use 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00362 1998 2010 DSS shellfish direct harvesting condemnation # 077-138 C. Sources: Source Unknown

DRAFT 6/28/2006 Page 1236 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Chesapeake Bay/At	lantic/Small Coastal Basins	1			
TMDL Watershed Name:	Bagwell Creek				
TMDL Group ID:	00362				
TMDL Watershed Name:		Ball Creek			
TMDL Group ID:	00948				
VAP-C01E_BAL01A02	Ball Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-124B, 5/15/2001.		
			CB5MH.		
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.08 SQUARE MILES Fecal Coliform	TMDL Group ID First Listed on 303(d) TMDL Schedu 00948 <b>1998 2010</b>	le Impairment Specific Comments and/or Impairment Specific VA Category 00948 (SF)		
			VAP-C01E-14		
			VDH-DSS Shellfish Condemnation Notice 014-124B, 5/15/01		
	Sources: So	ource Unknown			
TMDL Watershed Name:		Balls Creek			
TMDL Group ID:	15014				
VAP-C01E_BLS01A02	Balls Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089B, 4/16/2004.		
			Size expanded in 2006 cycle. Segment BLS02A04 was incorporated into this segment, then was deleted.		
			CB5MH.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.18 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category		
Shellfishing	Fecal Coliform	15014 <b>1998 2010</b>	15014 (SF)		
			VAP-C01E-02		
			VDH-DSS Condemnation Notice 013-89B, 4/16/2004. The area expanded during the 2006 cycle. Segment BLS02A04 was incorporated into this segment, then deleted.		
	Sources: So	ource Unknown	, , , , , , , , , , , , , , , , , , , ,		

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Chesapeake Bay/Att	lantic/Small Coastal Basins				
TMDL Watershed Name:		Barlow Creek - Up	pper		
TMDL Group ID:	00405				
VAT-C14E_BRL01A06	Barlow Creek - Upper	NORTHAMPTON CO	In area of Old Town Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136D.		
VA Overall AU Category: 5A Use Shellfishing		Group ID First Listed on 303(d) TMDL Sched 00405 2010 Unknown	ule Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish condemnation # 085-199 A.		
TMDL Watershed Name:	Barrett Creek				
TMDL Group ID:	15003				
VAP-C01E_BAR01A98	Barrett Creek	NORTHUMBERLAND CO	Described in the condemnation notice, 013-089D, 4/16/2004. Area expanded during 2006 cycle.		
VA Overall AU Category: 5A Use Shellfishing		. Group ID First Listed on 303(d) TMDL Sched 15003 2002 2018	CB5MH.  ule Impairment Specific Comments and/or Impairment Specific VA Category 15003 (SF)  VAP-C01E-04  VDH-DSS Condemnation Notice 013-089D, 4/16/2004.		
TMDL Watershed Name:	Betts Mill Creek				
TMDL Watershed Name.  TMDL Group ID:	00949	Betts Mill Cree	K		
VAP-C01E_BMC01A04	Betts Mill Creek	NORTHUMBERLAND CO	Described in the VDH Shellfish Condemnation 013-089I, 4/16/2004. CB5MH.		
VA Overall AU Category: 5A Use Shellfishing		Group ID First Listed on 303(d) TMDL Sched 2004 2016	00949 (SF)		
	Sources: Source	Unknown	VAP-C01E-33  VDH-DSS Shellfish Condemnation Number 013-089I, 4/16/2004.		

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/Ata	lantic/Small Coastal Basins			
TMDL Watershed Name:		Billups Creek		
TMDL Group ID:	00995			
VAP-C04E_BLP01A98	Billups Creek	MATHEWS CO	Described in the condemnation notice 037-061C, 7/15/2004.	
			Size adjusted in 2006 although area did not change from 2004 cycle.	
			PIAMH	
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.08 SQUARE MILES TI	MDL Group ID First Listed on 303(d) TMDL Schedu 00995 <b>1998 2010</b>	ule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-07	
			VDH-DSS SFC Number 037-161C, 7/15/2004	
	Sources: Sour			
TMDL Watershed Name:	Blackwater Creek			
TMDL Group ID:	00996			
VAP-C04E_BLW01A98	Blackwater Creek	MATHEWS CO	Described in the condemnation notice 042-131A, 9/17/2004.	
			Size adjusted in 2006 cycle, although area did not change.	
VA Overall AU Category: <b>5A</b>			МОВРН	
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.51 SQUARE MILES TI Fecal Coliform	MDL Group ID First Listed on 303(d) TMDL Schedu 00996 <b>1998 2010</b>	Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-11	
	Sources: Sour	rce Unknown	VDH-DSS SFC Number 042-131A, 9/17/2004	
TMDL Watershed Name:	Brick Kiln Creek			
TMDL Group ID:	00413			
VAT-C07E_BRK01A06	Brick Kiln Creek	HAMPTON CITY YORK CO	From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of tidal waters north of Ebenezer Church ) downstream to confluence with Northwest Br. Back R. CBP Segment MOBPH. Portion of DSS shellfish condemnation #054-021C.	
VA Overall AU Category: <b>5A</b> Use Recreation	Impairment 0.09 SQUARE MILES TI  Enterococcus  Sources: Sour	MDL Group ID First Listed on 303(d) TMDL Schedu 00413 <b>2004 2010</b> rce Unknown	Impairment Specific Comments and/or Impairment Specific VA Category	

DRAFT 6/28/2006 Page 1239 of 2156

Assessment Unit ID	Waterbody Name	City / Co	ınty*	Assessment Unit Description	
Chesapeake Bay/At	lantic/Small Coastal B	Pasins			
TMDL Watershed Name:		Brick Kiln (	Creek (Ceda	r Creek)	
TMDL Group ID:	01208				
VAT-C07E_BRK01A06	Brick Kiln Creek	HAMPTON YORK (		From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of tidal waters north of Ebenezer Church ) downstream to confluence with Northwest Br. Back R. CBP Segment MOBPH. Portion of DSS shellfish condemnation #054-021C.	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.09 SQUAR	E MILES TMDL Group ID First Listed on 303	(d) TMDI Schedi	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Shellfishing	Fecal Coliform	01208 <b>1998</b>	2010	Portion of DSS shellfish condemnation #054-021C. VAT-C07E-18 (DSS# 21B)	
	So	urces: Source Unknown		merged into VAT-C07E-21 (DSS# 054-021C) effective 2004-06-02.	
TMDL Watershed Name:	TMDL Watershed Name: Broad Bay, Long Creek and Linkhorn Bay				
TMDL Group ID:	00168				
VAT-C08E_BBY01A06	Broad Bay - Upper	VIRGINIA BEA	CH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.90 SQUAR	E MILES TMDL Group ID First Listed on 303	(d) TMDI Schedi	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Shellfishing	Fecal Coliform	00168 <b>1998</b>	2004	Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00).TMDL completed and EPA approved (Category 4A) in 2004.	
	So	urces: Discharges from Municipal Separate S Municipal (Urbanized High Density Are Natural Sources Non-Point Source On-site Treatment Systems (Septic Sy	ea)	ems (MS4)	
VAT-C08E_LKN01A00	Linkhorn Bay	VIRGINIA BEA	CH CITY	Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.95 SQUAR	E MILES TMDL Group ID First Listed on 303	(d) TMDL Schedi	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Shellfishing	Fecal Coliform	00168 1998	2004	Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.	
	So	urces: Discharges from Municipal Separate S Municipal (Urbanized High Density Are Natural Sources Non-Point Source On-site Treatment Systems (Septic Sy	ea)	ems (MS4)	

DRAFT 6/28/2006 Page 1240 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Broad Bay, Long Creek and Linkhorn Bay TMDL Watershed Name: TMDL Group ID: 00168 VAT-C08E\_LON01A00 **Long Creek** VIRGINIA BEACH CITY Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11. VA Overall AU Category: **Impairment** 0.27 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Shellfishing **Fecal Coliform** 00168 1998 2004 Portion of DSS condemnation #071-025 B. Effective 2003-12-11. A TMDL has been completed and EPA approved (Category 4A) in 2004. Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) **Natural Sources** Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems) TMDL Watershed Name: **Browns Bay and Monday Creek** TMDL Group ID: 01023 VAP-C06E MNC01A98 **Monday Creek GLOUCESTER CO** Described in the condemnation notice 125, 12/3/2002. **MOBPH** VA Overall AU Category: **Impairment** Use 0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category **Fecal Coliform** 2010 VAP-C06E-02 01023 1998 Shellfishing VDH DSS Shellfish Condemnation 045-125, 12/3/2002 Sources: Source Unknown TMDL Watershed Name: **Bulbeggar Creek** TMDL Group ID: 01228 ACCOMACK CO Located southeast of Pitts Neck area. From estuarine/riverine transition VAT-C09E BLB01A06 **Bulbeggar Creek** (end of tidal waters) downstream to mouth (confluence with Pocomoke Sound). Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033. VA Overall AU Category: **Impairment** Use 0.12 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 01228 1998 2010 Portion of DSS shellfish condemnation # 075-033.

DRAFT 6/28/2006 Page 1241 of 2156

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / Coun	ty*	Assessment Unit Description	
Chesapeake Bay/Ata	lantic/Small Coastal Bas	sins			
TMDL Watershed Name:	Bulbeggar Creek				
TMDL Group ID:	01447				
VAT-C09E_BLB01A06	Bulbeggar Creek			Located southeast of Pitts Neck area. From estuarine/riverine transition (end of tidal waters) downstream to mouth (confluence with Pocomoke Sound). Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.12 SQUARE M	ILES TMDL Group ID First Listed on 303(d)	TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Recreation	Enterococcus	01447 <b>2006</b>	2016	The Recreation Use is impaired due to exceedance of the instantaneous criteria for Enterococcus ( 6 violate / 11 obs.) and Fecal Coliform ( 4 violate / 9 obs.) bacteria.	
	Source	es: Source Unknown		Effection ( a violate / 11 abs.) and 1 eval conform ( 4 violate / 3 abs.) bacteria.	
Recreation	Fecal Coliform	01447 <b>1998</b>	2016	The Recreation Use is impaired due to exceedance of the instantaneous criteria for Enterococcus ( 6 violate / 11 obs.) and Fecal Coliform ( 4 violate / 9 obs.) bacteria.	
	Source	es: Source Unknown			
TMDL Watershed Name:	Burke Mill Stream				
TMDL Group ID:	01017				
VAP-C04R_BUR01A00	Burke Mill Stream	GLOUCESTER MATHEWS (		From Burke Pond to extent of tide.	
VA Overall AU Category: <b>5A</b> Use	Impairment 2.69 MILES	TMDL Group ID First Listed on 303(d)	TMDI Schodi	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Recreation	Fecal Coliform	01017 <b>2004</b>	2016	This segment was listed as not supporting for recreational use in 2004 due to fecal	
	Source	es: Source Unknown		coliform violations at 7-BUR001.19. Monitoring for this station ended in 2001.	
TMDL Watershed Name:	Bush Mill Stream				
TMDL Group ID:	00977				
VAP-C01R_BMS01A98	Bush Mill Stream	NORTHUMBERLA	ND CO	Bush Mill Stream upstream of the tributary at river mile 2.43.	
VA Overall AU Category: 5A Use Recreation	Impairment 5.87 MILES Fecal Coliform	TMDL Group ID First Listed on 303(d) 00977 <b>2002</b>	TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01R-01	
				7-BMS004.46 (A)	
				DEQ monitoring at this station ceased in 2001. The 2002 fecal coliform Recreation Use impairment for this segment continues due to violations recorded at the Rt. 601 bridge. The TMDL due date in 2014.	
	Source	es: Source Unknown			

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description			
Chesapeake Bay/Att	Chesapeake Bay/Atlantic/Small Coastal Basins					
TMDL Watershed Name:		Cape Charles Harbor,	Upper			
TMDL Group ID:	01453					
VAT-C16E_CCH01A04	Cape Charles Harbor - Upper	NORTHAMPTON CO	From most upstream end of harbor downstream to 1/2 distance to mouth (RM 0.23). Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 089-011A (VPDES outfall condemnation for Cape Charles STP VA0021288).			
VA Overall AU Category: <b>5A</b> Use	Impairment 0.06 SQUARE MILES TMDL G	roup ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category			
Recreation	Enterococcus 01	453 <b>2004 2016</b>	The Recreation Use is impaired ( 4 violate / 15 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.			
	Sources: Source Un	known				
TMDL Watershed Name:	Cedar & Topping Creeks					
TMDL Group ID:	01219					
VAT-C07E_CCR01A06	Cedar & Topping Creeks	POQUOSON CITY CITY	Located near City of Poquoson. Cedar & Topping Creeks are tribs to the north shore of the Northwest Branch of Back River. Portion of DSS condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion). CBP Segment MOBPH.			
VA Overall AU Category: <b>5A</b> Use	Impairment 0.10 SQUARE MILES TMDI G	roup ID First Listed on 303(d) TMDL Schedu	January Charles Comments and Jay Impairment Charles VA Catagon			
Shellfishing		<b>219 2006 2016</b>	Impairment Specific Comments and/or Impairment Specific VA Category  Portion of DSS condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion).			
TMDL Watershed Name:		Cedar Creek				
TMDL Group ID:	00274					
VAT-C11E_CED01A00	Cedar Creek	ACCOMACK CO	Entire estuarine portion of creek. North shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation 080-013 B.			
VA Overall AU Category: <b>5A</b> Use Shellfishing		roup ID First Listed on 303(d) TMDL Schedu 274 <b>1998 2010</b> known	Impairment Specific Comments and/or Impairment Specific VA Category  DSS shellfish condemnation 080-013B.			
	253.330. 004100 011					

DRAFT 6/28/2006 Page 1243 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

**Cherrystone Inlet - Upper** TMDL Watershed Name:

TMDL Group ID: 76556

VAT-C15E\_CRS01A06 **Cherrystone Inlet - Upper** NORTHAMPTON CO Upper northern branch 1/5 of Inlet, from Eyreville Neck downstream to

confluence with Chesapeake Bay. Including Old Castle Cr. Portion of CBP

segment CB7PH, DSS condemnation # 088-139A.

VA Overall AU Category: 5A

**Impairment** 0.30 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use

Shellfishing **Fecal Coliform** 76556 1998 2010

Sources: Source Unknown

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB5MH** 

TMDL Group ID: 00520

VACB-R01E-CB5 **CHESAPEAKE BAY - VA portion of CBP** CHESAPEAKE BAY - COUNTY NOT Located in the northern part of the Virginia mainstem Bay from the mouth of

**APPLICABLE** the Rappahannock River and northward. HUC: 02080101. Seament CB5MH

VA Overall AU Category: 5A

VA Overall AU Category:

Use **Impairment** 187.60 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Estuarine Bioassessments** 00520 2004 2018

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID: 80007

5A

CHESAPEAKE BAY - COUNTY NOT Located in the northern part of the Virginia mainstem Bay from the mouth of VACB-R01E-CB5 **CHESAPEAKE BAY - VA portion of CBP** 

**APPLICABLE** the Rappahannock River and northward. HUC: 02080101. Seament CB5MH

**Impairment** 187.60 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 80007 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1244 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay - CBP Segment CB5MH

TMDL Group ID:

80007

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

**2006 2010** 

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name:

**Chesapeake Bay - CBP Segment CB6PH (North)** 

TMDL Group ID:

80008

VACB-R01E-CB6N CHESAPEAKE BAY - Northern portion of CBP

CHESAFEARE BAT - Northern portion of CBF

Segment CB6PH APPLICABLE

CHESAPEAKE BAY - COUNTY NOT Located in the northeastern half of the Virginia mainstem Bay between

Impairment Specific Comments and/or Impairment Specific VA Category

James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category: 54

Use Impairment

mpairment 127.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Aquatic Life Oxygen, Dissolved 80008 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Oxygen, Dissolved 80008 2010

Life

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1245 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay - CBP Segment CB6PH (North)

TMDL Group ID:

80008

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

80008

2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID:

80009

VACB-R01E-CB6N

**CHESAPEAKE BAY - Northern portion of CBP Segment CB6PH** 

**APPLICABLE** 

CHESAPEAKE BAY - COUNTY NOT Located in the northeastern half of the Virginia mainstem Bay between

James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category:

Use

Impairment

127.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)**  80009

2006

2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

80009

2006

2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1246 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay - CBP Segment CB6PH (North) TMDL Watershed Name:

TMDL Group ID:

80009

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Chesapeake Bay - CBP Segment CB6PH (South) TMDL Watershed Name:

TMDL Group ID: 80010

VACB-R01E-CB6S **CHESAPEAKE BAY - Southern portion of CBP** CHESAPEAKE BAY - COUNTY NOT Located in the Southeastern half of the Virginia mainstem Bay between

**Seament CB6PH** 

**APPLICABLE** 

James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category:

**Impairment** Use 160.24 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 80010 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 80010 2010

Life

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1247 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay - CBP Segment CB6PH (South) TMDL Watershed Name:

TMDL Group ID: 80011

**CHESAPEAKE BAY - Southern portion of CBP** VACB-R01E-CB6S CHESAPEAKE BAY - COUNTY NOT Located in the Southeastern half of the Virginia mainstem Bay between

**Seament CB6PH** 

**APPLICABLE** James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category: 5A

**Impairment** Use 160.24 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Plants (Macrophytes) 80011 Aquatic Life 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic

Vegetation

**Aquatic Plants (Macrophytes)** 

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

80011

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name:

Chesapeake Bay - CBP Segment CB7PH

TMDL Group ID:

80003

VACB-R01E-04CE CHESAPEAKE BAY - Cape Charles BSS #11, NORTHAMPTON CO

Va Dept of Health Shellfish condemnation #11, Opposite Cape Charles City, Area "A". HUC: 02080101

Area A

VA Overall AU Category: 5A

**Impairment** Use

0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2010 Aquatic Life **Aquatic Plants (Macrophytes)** 80003 2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1248 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay - CBP Segment CB7PH

TMDL Group ID:

80003

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

80003 2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name:

Chesapeake Bay - CBP Segment CB7PH (North)

TMDL Group ID:

80012

VACB-R01E-CB7N

**CHESAPEAKE BAY - Northern portion of CBP** Segment CB7PH

**APPLICABLE** 

CHESAPEAKE BAY - COUNTY NOT This assessment unit is the Northern portion of Chesapeake Bay Program segment CB7PH, located in the western half of the Virginia northwestern mainstem Bay between James and Rappahannock Rivers.

VA Overall AU Category: 5A

Use

Impairment

170.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 80012 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1249 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay - CBP Segment CB7PH (North)

TMDL Group ID:

80012

Open-Water Aquatic Life

Oxygen, Dissolved

80012

2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID:

80013

VACB-R01E-CB7N

**CHESAPEAKE BAY - Northern portion of CBP Segment CB7PH** 

**APPLICABLE** 

CHESAPEAKE BAY - COUNTY NOT This assessment unit is the Northern portion of Chesapeake Bay Program segment CB7PH. located in the western half of the Virginia northwestern mainstem Bay between James and Rappahannock Rivers.

VA Overall AU Category:

Use

**Impairment** 

170.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

80013

2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

80013

2006

2010

2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1250 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay - CBP Segment CB7PH (North) TMDL Watershed Name:

TMDL Group ID:

80013

Sources: Sediment Resuspension (Clean Sediment)

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Chesapeake Bay - CBP Segment CB7PH (South) TMDL Watershed Name:

TMDL Group ID: 80014

VACB-R01E-CB7S **CHESAPEAKE BAY - Southern portion of CBP** 

**Segment CB7PH** 

CHESAPEAKE BAY - COUNTY NOT **APPLICABLE** 

This assessment unit is souther portion of Chesapeake Bay Program segment CB7PH, located in the southwestern half of the Virginia mainstem

Impairment Specific Comments and/or Impairment Specific VA Category

Bay between James and Rappahannock Rivers. 5A

**Impairment** 386.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use

> Oxygen, Dissolved 80014 2010

> > Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 80014 2010

Life

VA Overall AU Category:

Aquatic Life

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1251 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay - CBP Segment CB7PH (South) TMDL Watershed Name:

TMDL Group ID:

80015

**CHESAPEAKE BAY - Southern portion of CBP** VACB-R01E-CB7S

**Seament CB7PH** 

CHESAPEAKE BAY - COUNTY NOT **APPLICABLE** 

This assessment unit is souther portion of Chesapeake Bay Program segment CB7PH, located in the southwestern half of the Virginia mainstem

Bay between James and Rappahannock Rivers.

VA Overall AU Category: 5A

**Impairment** Use

386.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Plants (Macrophytes) 80015 Aquatic Life

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

80015

2006

2006

2010

2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name:

Chesapeake Bay - CBP Segment CB8PH

2010

TMDL Group ID:

80016

VACB-R01E-CB8 **CHESAPEAKE BAY - CBP Segment CB8PH**  **APPLICABLE** 

Chesapeake Bay. HUC: 02080101

VA Overall AU Category:

Use

**Impairment** 

152.60 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Plants (Macrophytes) 80016 2006 Aquatic Life

Sources: Agriculture

DRAFT 6/28/2006 Page 1252 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay - CBP Segment CB8PH TMDL Watershed Name:

TMDL Group ID:

80016

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

80016

2006

2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name:

Chesapeake Bay - CBP Segment MOBPH

TMDL Group ID:

80017

VACB-R01E-MOB **CHESAPEAKE BAY - CBP Segment MOBPH**  **GLOUCESTER CO** YORK CO

This assessment unit is Chesapeake Bay Program segment MOBPH. located off the mouth of the York River including Mobjack Bay. HUC:

02080101.

VA Overall AU Category:

Use

Impairment

93.20 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

2006

2018

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Estuarine Bioassessments** 

Sources: Source Unknown

DRAFT 6/28/2006 Page 1253 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay - CBP Segment MOBPH TMDL Watershed Name:

TMDL Group ID: 80018

**CHESAPEAKE BAY - CBP Segment MOBPH** VACB-R01E-MOB **GLOUCESTER CO** This assessment unit is Chesapeake Bay Program segment MOBPH,

YORK CO located off the mouth of the York River including Mobjack Bay. HUC:

02080101. VA Overall AU Category:

**Impairment** 93.20 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use

Aquatic Life Oxygen, Dissolved 80018 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 80018 2006 2010

Life

VA Overall AU Category:

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID: 80019

5A

**CHESAPEAKE BAY - CBP Segment MOBPH GLOUCESTER CO** VACB-R01E-MOB This assessment unit is Chesapeake Bay Program segment MOBPH, YORK CO

located off the mouth of the York River including Mobjack Bay. HUC:

02080101.

**Impairment** Use

93.20 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 80019 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment)

DRAFT 6/28/2006 Page 1254 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

**Chesapeake Bay - CBP Segment MOBPH** TMDL Watershed Name:

TMDL Group ID:

80019

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

80019 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID:

90014

VACB-R01E-MOB **CHESAPEAKE BAY - CBP Segment MOBPH**  GLOUCESTER CO. YORK CO

This assessment unit is Chesapeake Bay Program segment MOBPH, located off the mouth of the York River including Mobjack Bay. HUC:

02080101.

VA Overall AU Category:

Use

**Impairment** 

93.20 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Fish Consumption

PCB in Fish Tissue

90014

2006 2018

Sources: Source Unknown

TMDL Watershed Name:

**Chesapeake Bay - CBP Segment TANMH** 

2010

TMDL Group ID:

80001

VACB-C10E\_TNN01A06

Tangier North Channel and Adjacent Waters, **DSS Area A** 

ACCOMACK CO

Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 A [effective 1993-10-

29].

VA Overall AU Category: 5A

Use

Aquatic Life

**Impairment** 

1.56 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved

Sources: Agriculture

80001

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1255 of 2156

2006

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay - CBP Segment TANMH

TMDL Group ID:

80001

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

80001

2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VACB-C10E TNN01B06 Tangier North Channel and Adjacent Waters,

**DSS Area B** 

ACCOMACK CO

Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 B [effective 1993-10-

Impairment Specific Comments and/or Impairment Specific VA Category

29].

VA Overall AU Category: 5A

Use

Impairment

0.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

incuaic

Aquatic Life Oxygen, Dissolved

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

80001

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

80001

2006

2006

2010

2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1256 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

**Chesapeake Bay - CBP Segment TANMH** TMDL Watershed Name:

TMDL Group ID:

80001

**CHESAPEAKE BAY - VA portion of CBP** VACB-C10E-TAN ACCOMACK CO This assessment unit is Chesapeake Bay Program segment TANMH,

**Segment TANMH** 

located in the northern part of the Virginia mainstem Bay aroung Tangier

Sound. HUC: 02080101

VA Overall AU Category:

**Impairment** 121.44 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use

Aquatic Life Oxygen, Dissolved 80001 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 80001 2006 2010

Life

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID: 80002

**CHESAPEAKE BAY - VA portion of CBP VACB-C10E-TAN** ACCOMACK CO This assessment unit is Chesapeake Bay Program segment TANMH,

**Segment TANMH** 

located in the northern part of the Virginia mainstem Bay aroung Tangier Sound. HUC: 02080101

VA Overall AU Category: 5A

**Impairment** Use 121.44 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 80002 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment)

DRAFT 6/28/2006 Page 1257 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

**Chesapeake Bay - CBP Segment TANMH** TMDL Watershed Name:

TMDL Group ID:

80002

Sources: Sources Outside State Juristiction or Borders

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

80002

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name:

Chesapeake Bay - Off Little Creek BSS #60, Area A

TMDL Group ID:

80006

VACB-R01E-04GE CHESAPEAKE BAY - Off Little Creek BSS #60,

Area A

NORFOLK CITY VIRGINIA BEACH CITY Va Dept of Health Shellfish clusure #60. Area A. Off Little Creek. HUC:

Impairment Specific Comments and/or Impairment Specific VA Category

02080101

VA Overall AU Category:

Use

**Impairment** 

1.38 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Aquatic Life **Aquatic Plants (Macrophytes)** 80006 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

80006 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

DRAFT 6/28/2006 Page 1258 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

Chesapeake Bay - Off Little Creek BSS #60, Area A TMDL Watershed Name:

TMDL Group ID:

80006

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name: Chesapeake Bay - Off Little Creek BSS #60, Area B

TMDL Group ID: 80005

CHESAPEAKE BAY - Off Little Creek BSS #60, VIRGINIA BEACH CITY VACB-R01E-04EE Va Dept of Health Shellfish closure #60, Area B. Off Little Creek. HUC: Area B

02080101

VA Overall AU Category: 5A

**Impairment** Use 0.54 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Plants (Macrophytes) 80005 2006 2010 Aquatic Life

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

80005 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1259 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay - Segment CB5MH TMDL Watershed Name: TMDL Group ID: 90010 **CHESAPEAKE BAY - VA portion of CBP** VACB-R01E-CB5 CHESAPEAKE BAY - COUNTY NOT Located in the northern part of the Virginia mainstem Bay from the mouth of Seament CB5MH **APPLICABLE** the Rappahannock River and northward. HUC: 02080101. VA Overall AU Category: **Impairment** Use 187.60 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 90010 Fish Consumption **PCB** in Fish Tissue 2006 2018 Sources: Source Unknown Chesapeake Bay - Segment CB6PH TMDI Watershed Name: TMDL Group ID: 90011 **CHESAPEAKE BAY - Northern portion of CBP** CHESAPEAKE BAY - COUNTY NOT Located in the northeastern half of the Virginia mainstem Bay between VACB-R01E-CB6N **Segment CB6PH APPLICABLE** James and Rappahannock Rivers. HUC: 0208010. VA Overall AU Category: **Impairment** 127.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 90011 2006 2018 Sources: Source Unknown CHESAPEAKE BAY - COUNTY NOT Located in the Southeastern half of the Virginia mainstem Bay between VACB-R01E-CB6S **CHESAPEAKE BAY - Southern portion of CBP** James and Rappahannock Rivers. HUC: 0208010. **Segment CB6PH APPLICABLE** VA Overall AU Category: **Impairment** 160.24 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption PCB in Fish Tissue 90011 2006 2018 Sources: Source Unknown **Chesapeake Bay - Segment CB7PH** TMDL Watershed Name: TMDL Group ID: 90012 VACB-R01E-04CE CHESAPEAKE BAY - Cape Charles BSS #11, NORTHAMPTON CO Va Dept of Health Shellfish condemnation #11, Opposite Cape Charles City. Area "A". HUC: 02080101 Area A VA Overall AU Category: 5A **Impairment** 0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 90012 2006 2018 Sources: Source Unknown

DRAFT 6/28/2006 Page 1260 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/Ata	lantic/Small Coastal Basins			
TMDL Watershed Name:		Chesapeake Bay - Segme	ent CB7PH	
TMDL Group ID:	90012			
VACB-R01E-CB7N	CHESAPEAKE BAY - Northern portion of CBP Segment CB7PH	ESAPEAKE BAY - COUNTY NOT APPLICABLE	This assessment unit is the Northern portion of Chesapeake Bay Program segment CB7PH, located in the western half of the Virginia northwestern mainstem Bay between James and Rappahannock Rivers.	
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 170.00 SQUARE MILES TMDL Group ID  PCB in Fish Tissue 90012 Sources: Source Unknown	2006 TMDL Schedul 2018	le Impairment Specific Comments and/or Impairment Specific VA Category	
VACB-R01E-CB7S	CHESAPEAKE BAY - Southern portion of CBP Segment CB7PH	ESAPEAKE BAY - COUNTY NOT APPLICABLE	This assessment unit is souther portion of Chesapeake Bay Program segment CB7PH, located in the southwestern half of the Virginia mainstem Bay between James and Rappahannock Rivers.	
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 386.34 SQUARE MILES TMDL Group IE  PCB in Fish Tissue 90012  Sources: Source Unknown	2006 2018	le Impairment Specific Comments and/or Impairment Specific VA Category	
TMDL Watershed Name:	Chesapeake Bay - Segment CB8PH			
TMDL Group ID:	90013			
VACB-R01E-04EE	CHESAPEAKE BAY - Off Little Creek BSS #60, Area B	VIRGINIA BEACH CITY	Va Dept of Health Shellfish closure #60, Area B. Off Little Creek. HUC: 02080101	
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.54 SQUARE MILES TMDL Group ID  PCB in Fish Tissue 90013 Sources: Source Unknown	2006 2018	le Impairment Specific Comments and/or Impairment Specific VA Category	
VACB-R01E-04GE	CHESAPEAKE BAY - Off Little Creek BSS #60, Area A	NORFOLK CITY VIRGINIA BEACH CITY	Va Dept of Health Shellfish clusure #60, Area A. Off Little Creek. HUC: 02080101	
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 1.38 SQUARE MILES TMDL Group ID  PCB in Fish Tissue 90013  Sources: Source Unknown	2006 TMDL Schedul 2006 2018	le Impairment Specific Comments and/or Impairment Specific VA Category	

DRAFT 6/28/2006 Page 1261 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

**Chesapeake Bay - Segment CB8PH** TMDL Watershed Name:

TMDL Group ID: 90013

**CHESAPEAKE BAY - CBP Segment CB8PH** VACB-R01E-CB8 CHESAPEAKE BAY - COUNTY NOT Mainstem Chesapeake Bay between mouth of James River and mouth of

Chesapeake Bay. HUC: 02080101 **APPLICABLE** 

VA Overall AU Category: 5A

**Impairment** Use 152.60 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Fish Consumption 90013 **PCB** in Fish Tissue 2006 2018

Sources: Source Unknown

Chesapeake Bay - VA portion of CBP segment POCMH TMDI Watershed Name:

TMDL Group ID: 80000

**CHESAPEAKE BAY - VA portion of CBP** ACCOMACK CO This assessment unit is Chesapeake Bay Program segment POCMH, VACB-C10E-POC located in the mesohaline area of Pokomoke sound. HUC: 02080101.

segment POCMH

VA Overall AU Category: 5A

> **Impairment** 48.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 80000 2010 2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

80000 2010 Aquatic Plants (Macrophytes) 2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1262 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Che	sapeake Bay - VA portion of CE	3P segment POCMH
TMDL Group ID:	90015		
VACB-C10E-POC	CHESAPEAKE BAY - VA portion of CBP segment POCMH	ACCOMACK CO	This assessment unit is Chesapeake Bay Program segment POCMH, located in the mesohaline area of Pokomoke sound. HUC: 02080101.
VA Overall AU Category: <b>5A</b> Use Fish Consumption	PCB in Fish Tissue 9	Group ID First Listed on 303(d) TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Source U		
TMDL Watershed Name:		sapeake Bay - VA portion of CE	BP Segment TANMH
TMDL Group ID:	90016		
VACB-C10E_TNN01A06	Tangier North Channel and Adjacent Waters, DSS Area A	ACCOMACK CO	Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 A [effective 1993-10-29].
VA Overall AU Category: 5A Use Fish Consumption		Group ID First Listed on 303(d) TMDL Schedu 0016 <b>2006 2018</b> nknown	Impairment Specific Comments and/or Impairment Specific VA Category
VACB-C10E_TNN01B06	Tangier North Channel and Adjacent Waters, DSS Area B	ACCOMACK CO	Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 B [effective 1993-10-29].
VA Overall AU Category: <b>5A</b> Use Fish Consumption		Group ID First Listed on 303(d) TMDL Schedu 0016 <b>2006 2018</b> nknown	Impairment Specific Comments and/or Impairment Specific VA Category
VACB-C10E-TAN	CHESAPEAKE BAY - VA portion of CBP Segment TANMH	ACCOMACK CO	This assessment unit is Chesapeake Bay Program segment TANMH, located in the northern part of the Virginia mainstem Bay aroung Tangier Sound. HUC: 02080101
VA Overall AU Category: <b>5A</b> Use Fish Consumption		Group ID First Listed on 303(d) TMDL Schedu 0016 <b>2006 2018</b>	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Source U	nknown	

DRAFT 6/28/2006 Page 1263 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay - VA portion of CBP Segment TANMH TMDL Watershed Name:

TMDL Group ID: 90020

Tangier North Channel and Adjacent Waters, VACB-C10E\_TNN01A06 ACCOMACK CO Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 A [effective 1993-10-

**DSS Area A** 

VA Overall AU Category: 5A **Impairment** 1.56 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Aquatic Life **Aquatic Plants (Macrophytes)** 90020 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water **Aquatic Plants (Macrophytes)** 90020 2006 2010

Submerged Aquatic Vegetation

Use

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VACB-C10E TNN01B06 Tangier North Channel and Adjacent Waters, ACCOMACK CO Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS **DSS Area B** 

(ADMINISTRATIVE) shellfish condemnation # 076-086 B [effective 1993-10-

Impairment Specific Comments and/or Impairment Specific VA Category

29].

VA Overall AU Category: 5A

**Impairment** 0.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 90020 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1264 of 2156

**Assessment Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay - VA portion of CBP Segment TANMH TMDL Watershed Name:

TMDL Group ID:

90020

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

90020

2006

2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

2010

TMDL Group ID:

01766

VACB-R01E-CB5 **CHESAPEAKE BAY - VA portion of CBP** 

Segment CB5MH

**APPLICABLE** 

CHESAPEAKE BAY - COUNTY NOT Located in the northern part of the Virginia mainstem Bay from the mouth of the Rappahannock River and northward. HUC: 02080101.

**Assessment Unit Description** 

VA Overall AU Category:

Use

Impairment

187.60 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766 2004

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Oxygen, Dissolved 01766 2004 2010

Life

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1265 of 2156

Assessment Unit ID

Waterbody Name

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E ANT01A98

**Antipoison Creek** 

LANCASTER CO

Described in the condemnation notice 017-188A, 7/13/2004.

Size extended in 2006 cycle, and now incorporates old segment

ANT02A00, which was deleted

CB5MH

VA Overall AU Category:

Use

Impairment

0.44 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

01766 2006 2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for

dissolved oxygen until such time as the remaining open water criteria can be

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1266 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

2010

TMDL Group ID:

01766

VAP-C01E\_BAL01A02

**Ball Creek** 

NORTHUMBERLAND CO

Described in the condemnation notice 014-124B, 5/15/2001.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2006

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1267 of 2156

**Assessment Waterbody Name Unit ID** 

City / County\*

**Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

2010

TMDL Group ID:

01766

VAP-C01E\_BAL02A02

**Ball Creek** 

NORTHUMBERLAND CO

From VDH-DSS SFC 014-124B, 5/15/2001, downstream to its mouth.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2006

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1268 of 2156

Oxygen, Dissolved

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

01766

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID: 01766

VAP-C01E\_BAR01A98 **Barrett Creek** NORTHUMBERLAND CO Described in the condemnation notice, 013-089D, 4/16/2004. Area

expanded during 2006 cycle.

СВ5МН.

2010

VA Overall AU Category: 5A

Aquatic Life

Use **Impairment** 0.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 2006

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

01766 (DO)

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1269 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

**Balls Creek** 

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_BLS01A02

NORTHUMBERLAND CO

Described in the condemnation notice 013-089B, 4/16/2004.

Size expanded in 2006 cycle. Segment BLS02A04 was incorporated into

Impairment Specific Comments and/or Impairment Specific VA Category

this segment, then was deleted.

CB5MH.

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

Oxygen, Dissolved

0.18 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1270 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 01766

VAP-C01E\_BMC01A04 Betts Mill Creek NORTHUMBERLAND CO Described in the VDH Shellfish Condemnation 013-089I, 4/16/2004.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1271 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_CLE01A98

**Cloverdale Creek** 

NORTHUMBERLAND CO

Described in the condemnation notice 014-124A, 5/15/2001.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2006

2010

01766 (DO) VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1272 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 01766

VAP-C01E\_CLE02A06 Cloverdale Creek NORTHUMBERLAND CO Downstream of condemnation notice 014-124A, 5/15/2001.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1273 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

VAP-C01E\_COC01A98 Cockrell Creek NORTHUMBERLAND CO As described in VDH-DSS Shellfish Condemnation No. 012-002B,

11/15/2004.

Merged segment COC02A98 into this segment in 2006, then deleted it.

Area adjusted.

CB5MH.

Size adjusted 2006.

VA Overall AU Category: 5

Use Impairment 0.61 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

le Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1274 of 2156

Oxygen, Dissolved

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 01766

Aquatic Life

VAP-C01E\_COC03A98 Cockrell Creek NORTHUMBERLAND CO Described in the condemnation notice. VDH-DSS SFC No. 012-002C,

11/15/2004.

01766 (DO)

VA Overall AU Category: 5A

Use Impairment 0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2006

VAP-A34E-27

01766

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and  $\,$ 

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

DRAFT 6/28/2006 Page 1275 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

VAP-C01E\_COC04A98

**Cockrell Creek** 

NORTHUMBERLAND CO

From the downstream boundary of VDH-DSS Condemnation Notice 012-

002A & C, 11/15/2004, to the mouth.

Area decreased in 2006 cycle.

CB5MH.

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

Oxygen, Dissolved

0.43 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

Impairment Specific Comments and/or Impairment Specific VA Category

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1276 of 2156

Oxygen, Dissolved

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

01766

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 01766

VAP-C01E\_COC05A06 Cockrell Creek NORTHUMBERLAND CO From VDH-DSS SFC No. 012-002A, 11/15/2004, downstream to mouth at

Fleet Point.

CB5MH.

VA Overall AU Category: 5A

Aquatic Life

Use Impairment 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2006

VAD 424E 27

01766 (DO) VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

DRAFT 6/28/2006 Page 1277 of 2156

Assessment Unit ID

Waterbody Name City / County\*

**Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_CRN01A06

oo Crook

Cranes Creek

NORTHUMBERLAND CO Described in VDH-DSS (Seasonal) Shellfish Condemnation 013-089-M3,

4/16/2004

CB5MH.

VA Overall AU Category:

Use Imp

Impairment

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01766

2010

2006

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1278 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 01766

VAP-C01E\_CRN01B06 Cranes Creek NORTHUMBERLAND CO Described in VDH-DSS Shellfish Condemnation 013-089-M4, 4/16/2004.

CB5MH.

VA Overall AU Category: **5A** 

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1279 of 2156

Assessment Unit ID

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_DIV01A98

**Dividing Creek** 

NORTHUMBERLAND CO

Described in the VDH-DSS SF condemnation notice 015-022A, 4/25/2003.

CB5MH.

This segment decreased in size for 2006; Lawrence Cove was separated into segment LRC01A06.

VA Overall AU Category:

Use Imp

**Impairment** 

0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

01766

2004

2016 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1280 of 2156

01766

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

VAP-C01E\_DIV03A00 Dividing Creek NORTHUMBERLAND CO From the downstream limit of VDH-DSS SFC 015-22A, 4/25/2003, to the

mouth at Chesapeake Bay.

CB5MH.

Size adjusted in 2006 cycle due a reduction in size of the upstream

condemnation.

VA Overall AU Category: 5A

Use Impairment 0.98 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1281 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

2010

TMDL Group ID:

01766

VAP-C01E\_DVN01A04

**Davenport Creek** 

LANCASTER CO

Described in VDH Shellfish Condemnation 017-188B, 7/13/2004

CB5MH

VA Overall AU Category:

Use

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2006

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1282 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_DYM01A98

**Dymer Creek** 

LANCASTER CO

Described in the condemnation notice 016-24A, 1/6/2004. Area expanded in

2006 cycle.

СВ5МН.

VA Overall AU Category:

5A Use

**Impairment** 

0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1283 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID: 01766

5A

VAP-C01E\_DYM02A00 **Dymer Creek** LANCASTER CO Dymer Creek downstream of VDH-DSS SFC 016-24A 1/6/2004, unless

otherwise segmented.

CB5MH VA Overall AU Category:

Use **Impairment** 0.75 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2006 2010 01766 (DO) Oxygen, Dissolved 01766 Aquatic Life

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1284 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

Oxygen, Dissolved

VAP-C01E\_DYM03A06

**Dymer Creek** 

LANCASTER CO

Mouth of Dymer Creek at Grog Island

CB5MH.

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

Impairment Specific Comments and/or Impairment Specific VA Category

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life

Oxygen, Dissolved

01766

2006

2010

01766 (DO)

VAP-A34E-27

This segment also failed the applicable dissolved oxygen criteria for the deep water and deep channel uses in 2006. This includes isolated areas of the tributaries which

are classified as deep water and/or deep channel.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1285 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

Fleets Bay

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

2010

TMDL Group ID:

01766

VAP-C01E\_FLB01A00

LANCASTER CO NORTHUMBERLAND CO Fleets Bay north of Bluff Point at Barnes Creek south to Fleets Island.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category:

Use

**Impairment** 

5.21 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2002

01766 (DO)

VAP-A34E-27, (2002 VAP-C01E-16)

In 2002, this segment was listed as not supporting for DO based on the bottom deep water criteria. I

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The segment failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1286 of 2156

Assessment Unit ID

Waterbody Name City / County\*

#### **Assessment Unit Description**

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

Deep-Water Aquatic Life

Diameter Diameter

Oxygen, Dissolved

01766 2002

2

2010

01766 (DO)

VAP-A34E-27, (2002, VAP-C01E-16)

In 2002, this segment was listed as not supporting for DO based on the bottom deep water criteria.

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1287 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

Oxygen, Dissolved

VAP-C01E\_GEO01A98

Aquatic Life

**Georges Cove** 

LANCASTER CO

Described in the condemnation notice 016-24C, 1/6/2004. The area

expanded in the 2006 cycle.

СВ5МН.

VA Overall AU Category:

5A Use

**Impairment** 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01766

2006

2010

Impairment Specific Comments and/or Impairment Specific VA Category

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1288 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_GOU01A06

**Gougher Creek** 

NORTHUMBERLAND CO

2006

Described in VDH-DSS Shellfish Condemnation 013-089E, 4/16/2006.

Area expanded in 2006 cycle.

CB5MH.

VA Overall AU Category:

5A Use

**Impairment** 

0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01766

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1289 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

TMDL Group ID:

O1766

Deep-Water Aquatic Life

Oxygen, Dissolved

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1290 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

VAP-C01E\_GWR01A98 Great Wicomico River NORTHUMBERLAND CO Described in the condemnation notice 013-089A, 4/16/2004.

CB5MH

Size increased in 2004 cycle.

VA Overall AU Category: 5

Use Impairmer

Impairment 0.55 SQUARE MILE

0.55 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2004 2010** 01766 (DO)

VAP-A34E-27 (VAP-C01E-01)

In 2004, this segment was listed for dissolved oxygen (DO).

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1291 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

VAP-C01E\_GWR02A00

**Great Wicomico River** 

NORTHUMBERLAND CO

From VDH-DSS SFC No. 013-089A, 4/16/2004,

downstream to Rogue Point.

СВ5МН.

Size adjusted in 2006 cycle.

VA Overall AU Category:

Use

**Impairment** 

2.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

01766 Aquatic Life Oxygen, Dissolved 2006 2010 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1292 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

VAP-C01E\_GWR02B06 Great Wicomico River NORTHUMBERLAND CO As described in VDH-DSS Shellfish Condemnation No. 013-089M1,

4/16/2004.

СВ5МН.

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1293 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID: 01766

5A

VAP-C01E\_GWR02C06 **Great Wicomico River at Coles Creek** NORTHUMBERLAND CO As described in VDH-DSS Shellfish Condemnation No. 013-089M2,

4/16/2004.

СВ5МН.

VA Overall AU Category: Use **Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2006 2010 01766 (DO) Oxygen, Dissolved 01766 Aquatic Life

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1294 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_GWR03A06

**Great Wicomico River** 

NORTHUMBERLAND CO

From Rogue Point (GWR02A00) downstream to Ingram Bay at Dameron

Marsh.

СВ5МН.

Size adjusted in 2006 cycle.

VA Overall AU Category: Use

**Impairment** 5.84 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2010

2006

01766 (DO) VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life

Oxygen, Dissolved

01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1295 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E HEN01A00

**Henrys Creek** 

NORTHUMBERLAND CO

From its tidal limit to its mouth at Indian Creek.

VA Overall AU Category:

Use

Aquatic Life

**Impairment** 

0.21 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 01766 2006 2010 01766 (DO) VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life

Oxygen, Dissolved

01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1296 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

01766

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E HHB01A98

**Horn Harbor** 

NORTHUMBERLAND CO

Described in the condemnation notice 013-089H, 4/16/2004. Area

expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category:

**Impairment** 

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

2006

2010

01766 (DO) VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1297 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_HNT01A98

**Hunts Cove** 

LANCASTER CO

2006

Described in the condemnation notice 24C, 2/27/1998.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1298 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_IND01A98 Indian Creek, Pitmans Cove

LANCASTER CO NORTHUMBERLAND CO

2006

Described in the condemnation notice 016-57A, 11/30/2000.

CB5MH.

Pitmans Cove VAP-C01E\_PIT01A98 and VAP-C01E\_IND01A98 were incorporated into this segment, and were deleted in 2006.

VA Overall AU Category:

Aquatic Life

**Impairment** Use

Oxygen, Dissolved

0.42 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01766

Impairment Specific Comments and/or Impairment Specific VA Category

01766 (DO)

2010

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1299 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_IND02A98

Aquatic Life

**Indian Creek** 

LANCASTER CO NORTHUMBERLAND CO Described in the condemnation notice 016-57B, 11/30/2000.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 01766 2006 2010 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1300 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_IND03A00

**Indian Creek** 

LANCASTER CO NORTHUMBERLAND CO From end of condemnation 016-057A 11/30/2000, downstream to mouth.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.66 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life 01766 2002 2010 01766 (DO) Oxygen, Dissolved

VAP-A34E-27 (2004 VAP-C01E-23)

In 2002, this segment was listed as not supporting for DO based on the bottom deep water criteria.

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life

Oxygen, Dissolved

01766

2002

2010

01766 (DO)

VAP-A34E-27. (2004 VAP-C01E-23)

In 2002, this segment was listed as not supporting for DO based on the bottom deep water criteria.

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. Virginia's CB5 mesohaline segment was determined to fail the Shallow Water Use SAV acreage standards. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources: Agriculture

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling

Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAP-C01E\_IND03B06

**Indian Creek** 

NORTHUMBERLAND CO

As described in VDH-DSS Seasonal Shellfish Condemnation No. 016-

M174, 4/13/1989.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766 2002

01766 (DO)

VAP-A34E-27. (2004 VAP-C01E-23)

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1302 of 2156

**Assessment Unit ID Waterbody Name** 

City / County\*

**Assessment Unit Description** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

Deep-Water Aquatic Life

Oxygen, Dissolved

01766 2002 2010

01766 (DO)

VAP-A34E-27, (2004 VAP-C01E-23)

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

NORTHUMBERLAND CO As described in the condemnation notice 015-022F, 4/25/2003. VAP-C01E JAR01A02 **Jarvis Creek** 

CB5MH.

VA Overall AU Category: 5A

Aquatic Life

Use

**Impairment** 

Oxygen, Dissolved

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

Impairment Specific Comments and/or Impairment Specific VA Category

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1303 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small	Coastal Bas	ins
-------------------------------	-------------	-----

**Chesapeake Bay 5 Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID:

01766

Oxygen, Dissolved

VAP-C01E\_JOH01A06 **Johnson Creek** LANCASTER CO Area as described in VDH-DSS SFC 016-24D 1/6/2004.

2006

CB5MH

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule 01766

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

Impairment Specific Comments and/or Impairment Specific VA Category

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1304 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_LEE01A02

Aquatic Life

**Lees Cove** 

LANCASTER CO

As described in the condemnation notice 016-24B, 1/6/2004.

CB5MH

VA Overall AU Category:

Use

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved

01766

2006

2010

01766 (DO) VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1305 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

VAP-C01E\_LRC01A06

**Lawrence Cove** 

NORTHUMBERLAND CO

As described in VDH-DSS SF Condemnation 015-022B, 4/25/2003

CB5MH.

Size adjusted in 2006 cycle due a reduction in size of the upstream condemnation.

VA Overall AU Category:

**Impairment** 

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Use Aquatic Life

Oxygen, Dissolved

01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1306 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

2010

TMDL Group ID:

01766

VAP-C01E\_LTB01A02

Little Bay

LANCASTER CO

Little Bay

CB5MH.

Size adjusted 2006.

VA Overall AU Category:

Use

Impairment

1.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01766

2006

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1307 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 01766

VAP-C01E\_LTM01A98 Little Taskmasters Creek NORTHUMBERLAND CO Described in the condemnation notice 11-190A, 4/2/1999.

DELIST: VDH-DSS SFC No. 11-190, 2/18/2004.

CB5MH.

VA Overall AU Category: 5/

Use Impairment 0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1308 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_MIL01A98

Mill Creek

NORTHUMBERLAND CO

Described in the condemnation notice 014-123A, 8/3/2004.

The area expanded for 2006.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.47 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1309 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_MIL01B06

NORTHUMBERLAND CO

Downstream of Clay Point.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

Mill Creek

1.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2006

2010 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1310 of 2156

Assessment
Unit ID Waterbody Name City / County\*

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 01766

Owens Pond NORTHUMBERLAND CO Described in the condemnation notice 122, 1/3/1992.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: 5A

VAP-C01E\_OWN01A98

Use Impairment 0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

**Assessment Unit Description** 

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1311 of 2156

Assessment
Unit ID Waterbody N

Waterbody Name City / County\*

**Assessment Unit Description** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 01766

VAP-C01E\_PNT01A02 Prentice Creek NORTHUMBERLAND CO Described in the condemnation notice 015-022D, 4/25/2003.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1312 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID: 01766

VAP-C01E\_PNT02A02 **Prentice Creek** NORTHUMBERLAND CO From VDH-DSS SFC 015-022D & 015-022E, 4/25/2003, downstream to its

mouth.

СВ5МН.

VA Overall AU Category: 5A Use **Impairment** 0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2006 2010 01766 (DO) Oxygen, Dissolved 01766 Aquatic Life

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1313 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

Oxygen, Dissolved

VAP-C01E\_PNT03A02

Aquatic Life

**Prentice Creek** 

NORTHUMBERLAND CO

2006

Described in the condemnation notice 015-022E, 4/25/2003.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule 01766

Impairment Specific Comments and/or Impairment Specific VA Category

2010 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1314 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

VAP-C01E\_TBS01A98

**Tabbs Creek** 

LANCASTER CO

Described in the condemnation notice 016-133, 12/6/2002.

Size reduced in 2004 cycle.

CB5MH

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

Oxygen, Dissolved

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01766

2006

2010

Impairment Specific Comments and/or Impairment Specific VA Category 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1315 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_TBS02A00

**Tabbs Creek** 

LANCASTER CO

Tabbs Creek downstream of VDH-DSS SFC 133, 12/6/2002.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category:

Use

**Impairment** 0.33 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766 2006 2010 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life

Oxygen, Dissolved

01766

2006

2010 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1316 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

01766

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E\_TIP01A98 Tipers Creek NORTHUMBERLAND CO Described in the condemnation notice 013-089C, 4/16/2004.

Area expanded in 2006 cycle,

CB5MH.

VA Overall AU Category: 5A

Use Impairn

Impairment 0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1317 of 2156

Assessment Unit ID

Waterbody Name City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_TOW01A06

**Towles Creek** 

NORTHUMBERLAND CO

Described in VDH-DSS Seasonal Shellfish Condemnation 014-123M1,

8/3/2004

CB5MH.

VA Overall AU Category: 5A

Use

Impairment

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

01766

2006

2010

01766 (DO) VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1318 of 2156

Assessment Unit ID

Waterbody Name City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_WHY01A98

Aquatic Life

Whays Creek

NORTHUMBERLAND CO

Described in the condemnation notice 013-089F, 4/16/2004. Area

expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category: 5/

Use

Impairment

ent 0.14

Oxygen, Dissolved

0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01766

2006

2010

01766 (DO) VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

Impairment Specific Comments and/or Impairment Specific VA Category

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1319 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

Oxygen, Dissolved

VAP-C01E\_WRH01A98

Warehouse Creek

NORTHUMBERLAND CO

Described in the condemnation notice 013-089G, 4/16/2004. Area

expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category:

Aquatic Life

5A Use

**Impairment** 

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

2006

01766

2010

Impairment Specific Comments and/or Impairment Specific VA Category

01766 (DO) VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated

areas of the tributaries which are classified as deep water or deep channel.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be

assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life

Oxygen, Dissolved

01766

2006

2010

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1320 of 2156

Assessment Unit ID

Waterbody Name City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAP-C01E\_XDL01A02

Chesapeake Bay, UT

NORTHUMBERLAND CO

As described in condemnation notice 011-190, 2/18/2004.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category:

Use

Impairment

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

01766

2006

01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerced agustic vegetation criteria.

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1321 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 5 Mesohaline Embayments** 

TMDL Group ID:

01766

VAP-C01E\_XUC01A98

**Unnamed Cove of Dividing Creek** 

NORTHUMBERLAND CO

Described in the condemnation notice 015-022C, 4/25/2003.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01766

2006

2010 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and

submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segmentwide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Sources: Agriculture

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1322 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 01766

VAP-C01E\_ZZZ01A00 Unsegmented estuaries in C01 LANCASTER CO Unsegmented portion of the watershed.

NORTHUMBERLAND CO

HUC 02080102.

VA Overall AU Category: 5A Size adjusted in 2006.

Use Impairment 2.97 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01766 **2006 2010** 01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1323 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_ANT01A98 Antipoison Creek LANCASTER CO Described in the condemnation notice 017-188A, 7/13/2004.

Size extended in 2006 cycle, and now incorporates old segment

ANT02A00, which was deleted

CB5MH

VA Overall AU Category: 5A

Use Impairment 0.44 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standard during the 2006

· ·

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1324 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

**Chesapeake Bay 5 Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID: 10061

VAP-C01E\_BAL01A02 **Ball Creek** NORTHUMBERLAND CO Described in the condemnation notice 014-124B, 5/15/2001.

CB5MH.

VA Overall AU Category:

**Impairment** Use

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle. \par

\par \par }

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1325 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID:

10061

VAP-C01E\_BAL02A02 **Ball Creek** NORTHUMBERLAND CO From VDH-DSS SFC 014-124B, 5/15/2001, downstream to its mouth.

CB5MH.

VA Overall AU Category:

**Impairment** Use

0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1326 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_BAR01A98 Barrett Creek NORTHUMBERLAND CO Described in the condemnation notice, 013-089D, 4/16/2004. Area

expanded during 2006 cycle.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

1510061 (SAV) VAP-A34E-27

 $\label{thm:condition} \mbox{Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006}$ 

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1327 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_BLS01A02 Balls Creek NORTHUMBERLAND CO Described in the condemnation notice 013-089B, 4/16/2004.

Size expanded in 2006 cycle. Segment BLS02A04 was incorporated into

this segment, then was deleted.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.18 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061 2006 2010

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1328 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID:

10061

VAP-C01E\_BMC01A04 **Betts Mill Creek** NORTHUMBERLAND CO Described in the VDH Shellfish Condemnation 013-089I, 4/16/2004.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1329 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_CLE01A98 Cloverdale Creek NORTHUMBERLAND CO Described in the condemnation notice 014-124A, 5/15/2001.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1330 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin	Chesapeake	Bay/Atlant	tic/Small	Coastal E	Basins
---	------------	------------	-----------	-----------	--------

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_CLE02A06 Cloverdale Creek NORTHUMBERLAND CO Downstream of condemnation notice 014-124A, 5/15/2001.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycl

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061 2006 2010

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1331 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small	Coastal Bas	ins
-------------------------------	-------------	-----

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

10061

VAP-C01E\_COC01A98 Cockrell Creek NORTHUMBERLAND CO As described in VDH-DSS Shellfish Condemnation No. 012-002B,

11/15/2004.

Merged segment COC02A98 into this segment in 2006, then deleted it.

Area adjusted.

CB5MH.

Size adjusted 2006.

VA Overall AU Category: 54

Use Impairment 0.61 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

le Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

This segment was previously listed with an observed effect for Chl\_a, however for the

2006 cycle, the violation rate was acceptable.

Trend analysis was performed at 7-COC001.61. There were no statistically significant

trends detected.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1332 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID:

10061

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E\_COC03A98 **Cockrell Creek** NORTHUMBERLAND CO Described in the condemnation notice. VDH-DSS SFC No. 012-002C,

11/15/2004.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Page 1333 of 2156 DRAFT 6/28/2006

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_COC04A98 Cockrell Creek NORTHUMBERLAND CO From the downstream boundary of VDH-DSS Condemnation Notice 012-

002A & C, 11/15/2004, to the mouth.

Area decreased in 2006 cycle.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.43 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. Virginia's CB5 mesohaline segment was determined to fail the Shallow Water Use SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006** 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1334 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

10061

VAP-C01E\_COC05A06 Cockrell Creek NORTHUMBERLAND CO From VDH-DSS SFC No. 012-002A, 11/15/2004, downstream to mouth at

Fleet Point.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

15000 (PCBs),

VAP-A34E-27

 $\label{thm:condition} \mbox{Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006}$ 

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1335 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basin
---

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID:

10061

VAP-C01E\_CRN01A06 **Cranes Creek** NORTHUMBERLAND CO Described in VDH-DSS (Seasonal) Shellfish Condemnation 013-089-M3,

4/16/2004.

CB5MH.

VA Overall AU Category:

Impairment Use

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1336 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID:

10061

VAP-C01E\_CRN01B06 **Cranes Creek** NORTHUMBERLAND CO Described in VDH-DSS Shellfish Condemnation 013-089-M4, 4/16/2004.

CB5MH.

VA Overall AU Category:

Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1337 of 2156

10061

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlan	tic/Small	Coastal	Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

VAP-C01E\_DIV01A98 Dividing Creek NORTHUMBERLAND CO Described in the VDH-DSS SF condemnation notice 015-022A, 4/25/2003.

CB5MH.

This segment decreased in size for 2006; Lawrence Cove was separated

into segment LRC01A06.

VA Overall AU Category: 5A

Use Impairment 0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1338 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Sm	all Coastal Basins
--	------------	-----------------	--------------------

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_DIV03A00 Dividing Creek NORTHUMBERLAND CO From the downstream limit of VDH-DSS SFC 015-22A, 4/25/2003, to the

mouth at Chesapeake Bay.

CB5MH.

Size adjusted in 2006 cycle due a reduction in size of the upstream

condemnation.

VA Overall AU Category: 5A

Use Impairment 0.98 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061 2006 2010

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

10061 (SAV)

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1339 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_DVN01A04 Davenport Creek LANCASTER CO Described in VDH Shellfish Condemnation 017-188B, 7/13/2004

CB5MH

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061 **2006 2010** 

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

VAP-A34E-27

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1340 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_DYM01A98 Dymer Creek LANCASTER CO Described in the condemnation notice 016-24A, 1/6/2004. Area expanded in

2006 cycle.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061 **2006 2010** 

10061 (SAV), VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1341 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_DYM02A00 Dymer Creek downstream of VDH-DSS SFC 016-24A 1/6/2004, unless

otherwise segmented.

CB5MH

VA Overall AU Category: 5A

Use Impairment 0.75 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1342 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_DYM03A06 Dymer Creek at Grog Island

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1343 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_FLB01A00 Fleets Bay north of Bluff Point at Barnes Creek south to Fleets Island.

NORTHUMBERLAND CO

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: 5A
Use Impairment 5.21 SQUARE MILES TMDL Group ID First Li

Impairment 5.21 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1344 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small	Coastal Bas	ins
-------------------------------	-------------	-----

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_GEO01A98 Georges Cove LANCASTER CO Described in the condemnation notice 016-24C, 1/6/2004. The area

expanded in the 2006 cycle.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1345 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

10061

VAP-C01E\_GOU01A06 Gougher Creek NORTHUMBERLAND CO Described in VDH-DSS Shellfish Condemnation 013-089E, 4/16/2006.

Area expanded in 2006 cycle.

СВ5МН.

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061 **2006 2010** 

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1346 of 2156

10061

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

Great Wicomico River NORTHUMBERLAND CO Described in the condemnation notice 013-089A, 4/16/2004.

CB5MH

Size increased in 2004 cycle.

VA Overall AU Category:

VAP-C01E\_GWR01A98

Use Impairment 0.55 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1347 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_GWR02A00 Great Wicomico River NORTHUMBERLAND CO From VDH-DSS SFC No. 013-089A, 4/16/2004,

downstream to Rogue Point.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: 5A

Use Impairment 2.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1348 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

10061

VAP-C01E\_GWR02B06 Great Wicomico River NORTHUMBERLAND CO As described in VDH-DSS Shellfish Condemnation No. 013-089M1,

4/16/2004

СВ5МН.

VA Overall AU Category: 5A

Use Impairment

pairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

15000 (PCBs)

VAP-A34E-27

 $\label{thm:condition} \mbox{Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006}$ 

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1349 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID:

10061

VAP-C01E\_GWR02C06 **Great Wicomico River at Coles Creek** NORTHUMBERLAND CO As described in VDH-DSS Shellfish Condemnation No. 013-089M2,

4/16/2004.

СВ5МН.

VA Overall AU Category: 5A

Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

10061

2006

Impairment Specific Comments and/or Impairment Specific VA Category

2010 10061 (SAV) Aquatic Life **Aquatic Plants (Macrophytes)** 

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1350 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

Chesapeake Bay 5 Mesohaline Embayments TMDL Watershed Name:

TMDL Group ID:

10061

VAP-C01E\_GWR03A06 **Great Wicomico River** NORTHUMBERLAND CO From Rogue Point (GWR02A00) downstream to Ingram Bay at Dameron

Marsh.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category:

Aquatic Life

**Impairment** Use

5.84 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

**Aquatic Plants (Macrophytes)** 

10061

2006

2010

Impairment Specific Comments and/or Impairment Specific VA Category

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1351 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_HEN01A00 Henrys Creek NORTHUMBERLAND CO From its tidal limit to its mouth at Indian Creek.

VA Overall AU Category: **5A** 

Use Impairment 0.21 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061 2006

061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1352 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

10061

VAP-C01E\_HHB01A98 Horn Harbor NORTHUMBERLAND CO Described in the condemnation notice 013-089H, 4/16/2004. Area

expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1353 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_HNT01A98 Hunts Cove LANCASTER CO Described in the condemnation notice 24C, 2/27/1998.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycl

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061

0061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1354 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

10061

VAP-C01E\_IND01A98 Indian Creek, Pitmans Cove LANCASTER CO Described in the condemnation notice 016-57A, 11/30/2000.

NORTHUMBERLAND CO

CB5MH.

Pitmans Cove VAP-C01E\_PIT01A98 and VAP-C01E\_IND01A98 were

incorporated into this segment, and were deleted in 2006.

VA Overall AU Category: 54

Use Impairment 0.42 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006** 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1355 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_IND02A98 Indian Creek LANCASTER CO Described in the condemnation notice 016-57B, 11/30/2000.

NORTHUMBERLAND CO

CB5MH.

VA Overall AU Category: **5A** 

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Assessment information IND01A98

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1356 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_IND03A00 Indian Creek LANCASTER CO From end of condemnation 016-057A 11/30/2000, downstream to mouth.

NORTHUMBERLAND CO

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.66 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061 2006 2010

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1357 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_IND03B06 Indian Creek NORTHUMBERLAND CO As described in VDH-DSS Seasonal Shellfish Condemnation No. 016-

M174, 4/13/1989.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1358 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_JAR01A02 Jarvis Creek NORTHUMBERLAND CO As described in the condemnation notice 015-022F, 4/25/2003.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

10061 **2006** 

2010

10061 (SAV),

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1359 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_JOH01A06 Johnson Creek LANCASTER CO Area as described in VDH-DSS SFC 016-24D 1/6/2004.

CB5MH

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycl

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1360 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_LEE01A02 Lees Cove LANCASTER CO As described in the condemnation notice 016-24B, 1/6/2004.

CB5MH

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061 **2006 2010** 

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1361 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_LRC01A06 Lawrence Cove NORTHUMBERLAND CO As described in VDH-DSS SF Condemnation 015-022B, 4/25/2003

CB5MH.

Size adjusted in 2006 cycle due a reduction in size of the upstream

condemnation.

VA Overall AU Category: **5A** 

Use Impairment 0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1362 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesa	peake	Bay/	Atlant	tic/Sm	all Co	pastal	Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_LTB01A02 Little Bay LANCASTER CO Little Bay

CB5MH.

Size adjusted 2006.

VA Overall AU Category: 54

Use Impairment 1.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1363 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_LTM01A98 Little Taskmasters Creek NORTHUMBERLAND CO Described in the condemnation notice 11-190A, 4/2/1999.

DELIST: VDH-DSS SFC No. 11-190, 2/18/2004.

CB5MH.

VA Overall AU Category: 5.

Use Impairment 0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-C01E-17

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aguatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1364 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_MIL01A98 Mill Creek NORTHUMBERLAND CO Described in the condemnation notice 014-123A, 8/3/2004.

The area expanded for 2006.

CB5MH.

VA Overall AU Category: 54

Use Impairment 0.47 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aguatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1365 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_MIL01B06 Mill Creek NORTHUMBERLAND CO Downstream of Clay Point.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 1.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Based on the information collected from the Coastal 2000 station 7-MIL000.27, the Weight of Evidence results indicated there was some alteration in the benthic community. Therefore this segment was assessed with observed effects for benthics.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1366 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_OWN01A98 Owens Pond NORTHUMBERLAND CO Described in the condemnation notice 122, 1/3/1992.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A** 

Use Impairment 0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1367 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_PNT01A02 Prentice Creek NORTHUMBERLAND CO Described in the condemnation notice 015-022D, 4/25/2003.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycl

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061

10061 **2006 2010** 

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1368 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

10061

VAP-C01E\_PNT02A02 Prentice Creek NORTHUMBERLAND CO From VDH-DSS SFC 015-022D & 015-022E, 4/25/2003, downstream to its

mouth.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1369 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_PNT03A02 Prentice Creek NORTHUMBERLAND CO Described in the condemnation notice 015-022E, 4/25/2003.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061 2006

10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1370 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

10061

VAP-C01E\_TBS01A98 Tabbs Creek LANCASTER CO Described in the condemnation notice 016-133, 12/6/2002.

Size reduced in 2004 cycle.

CB5MH

VA Overall AU Category: 5A

Use Impairment

ent

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

7 VAP-A34E-27

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1371 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_TBS02A00 Tabbs Creek LANCASTER CO Tabbs Creek downstream of VDH-DSS SFC 133, 12/6/2002.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: 54

Use Impairment 0.33 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061 2006 2010 VAP-

Sources: Agriculture
Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1372 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_TIP01A98 Tipers Creek NORTHUMBERLAND CO Described in the condemnation notice 013-089C, 4/16/2004.

Area expanded in 2006 cycle,

CB5MH.

VA Overall AU Category: 54

Use Impairment 0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1373 of 2156

10061

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

VAP-C01E\_TOW01A06 Towles Creek NORTHUMBERLAND CO Described in VDH-DSS Seasonal Shellfish Condemnation 014-123M1,

8/3/2004

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061 **2006** 

2010

10061 (SAV) VAP-A34E-27

 $\label{thm:condition} \mbox{Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006}$ 

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1374 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_WHY01A98 Whays Creek NORTHUMBERLAND CO Described in the condemnation notice 013-089F, 4/16/2004. Area

expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10061 2006 2010

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1375 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID:

10061

VAP-C01E\_WRH01A98 Warehouse Creek NORTHUMBERLAND CO Described in the condemnation notice 013-089G, 4/16/2004. Area

expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category: 5A

Use Impairment

airment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

10061 (SAV) VAP-A34E-27

 $\label{thm:condition} \mbox{Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006}$ 

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1376 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesa	peake	Bay/	Atlant	tic/Sm	all Co	pastal	Basins

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_XDL01A02 Chesapeake Bay, UT NORTHUMBERLAND CO As described in condemnation notice 011-190, 2/18/2004.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5.** 

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10061

2006

2010

15010061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1377 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_XUC01A98 Unnamed Cove of Dividing Creek NORTHUMBERLAND CO Described in the condemnation notice 015-022C, 4/25/2003.

CB5MH.

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

10061 **2006 2010** 

10061 (SAV) VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1378 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments

TMDL Group ID: 10061

VAP-C01E\_ZZZ01A00 Unsegmented estuaries in C01 LANCASTER CO Unsegmented portion of the watershed.

NORTHUMBERLAND CO

HUC 02080102.

VA Overall AU Category: 5A Size adjusted in 2006.

Use Impairment 2.97 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10061 2006 2010 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10061 **2006 2010** 10061 (SAV)

VAP-A34E-27

Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006

cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1379 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 01767

CHESAPEAKE BAY - Cape Charles BSS #11, VACB-R01E-04CE NORTHAMPTON CO Va Dept of Health Shellfish condemnation #11, Opposite Cape Charles

Area A

VA Overall AU Category: **Impairment** Use 0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2004 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2004 2010

Life

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E\_DEP01A06 **Deep Creek - Upper** ACCOMACK CO East of town of Bayside. Upper portion of creek, from end of tidal waters

downstream to approx. RM 1.6. Portion of CBP segment CB7PH. DSS

Shellfish condemnation # 077-138 A.

City, Area "A". HUC: 02080101

VA Overall AU Category: **Impairment** Use

0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 01767 Aquatic Life 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

DRAFT 6/28/2006 Page 1380 of 2156

Assessment Unit ID

Waterbody Name City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 7 Polyhaline Embayments** 

TMDL Group ID:

01767

Sources: Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

01767

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

condemnation # 077-138.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E DEP02A06

**Deep Creek - Lower** 

ACCOMACK CO

East of town of Bayside. Lower portion of creek, from RM 1.6 downstream to mouth. Portion of CBP segment CB7PH. DSS (OPEN) Shellfish

VA Overall AU Category: 5/

Use Use

Impairment

1.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aguatic Life

Oxygen, Dissolved

01767 2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1381 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay	'Atlantic/.	Small (	Coastal 1	Basins
----------------	-------------	---------	-----------	--------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E\_ISB01A06 Island Bay ACCOMACK CO Between Russell Isl. & Long Ridge area. Portion of CBP segment CB7PH.

No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A** 

Use Impairment 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

wet weather discharges (Point Source and Combination of Stormwater, SSO of CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

harvesting condemnations.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E ZZZ01A06 Unsegmented estuaries in C10E-CB7PH. ACCOMACK CO Evaluated non segmented portions of C10E not contained within VACB-

VA Overall AU Category: 5A
Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

**NORTHAMPTON CO** 

oxygen criteria for Open Water - Summer (CFD reference conditions using the

R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1382 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_CED01A00

**Cedar Creek** 

ACCOMACK CO

Entire estuarine portion of creek. North shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation 080-013 B.

VA Overall AU Category:

5A

Use

**Impairment** 

0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01767

2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1383 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Oxygen, Dissolved

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_CSX01A00 Chesconessex Creek - Upper ACCOMACK CO South of Chesconessex and northwest of Onancock. Portion of CBP

segment CB7PH. DSS shellfish conedmnation # 079-112.

VA Overall AU Category: 5A

Use Impairment

mpairment 0.21 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

wet weather discharges (Fount Source and Combination of Stormwater, 330 of 630)

Open-Water Aquatic

Life

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1384 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Bas
---

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

5A

VA Overall AU Category:

01767

VAT-C11E\_CSX02A06 Chesconessex Creek - Lower ACCOMACK CO Lower portion of Chesconessex Creek, including unsegmented tidal tribs. &

Back Cr., from the end DSS condemnation # 079-112 downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct

harvesting condemnation.

Use Impairment 3.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

Life oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_FNN01A00 Finneys Creek - Upper ACCOMACK CO East of Bailey Neck area. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 080-013 A.

VA Overall AU Category: 5A

Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1385 of 2156

**Assessment** City / County\* **Assessment Unit Description Waterbody Name Unit ID** 

******	<u> </u>				
Chesapeake Bay/Att	lantic/Small Coastal Basi	ns			
TMDL Watershed Name:		Chesa	apeake Bay 7 P	olyhaline l	Embayments
TMDL Group ID:	01767				
	Sources:	Wet Weather Dischar	ce Discharges te Juristiction or Borde rges (Non-Point Sourc	e)	of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01767	2006		The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Wet Weather Dischar	ce Discharge ycling itat ce Discharges te Juristiction or Borde rges (Non-Point Source	ers e)	of Stormwater, SSO or CSO)
VAT-C11E_FNN02A00	Finneys Creek - Lower		ACCOMACK C		East of Bailey Neck area. South shore tributary of Onancock Creek. Lower portion of creek, from the end of DSS condemnation # # 080-013 A downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MIL	ES TMDL Group ID Fi	irst Listed on 303(d)		· ·
Aquatic Life	Oxygen, Dissolved	01767	2006		The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition Industrial Point Source Internal Nutrient Recy Loss of Riparian Habit Municipal Point Source	ce Discharge ycling itat		

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Oxygen, Dissolved

Open-Water Aquatic

Life

Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling

01767

Page 1386 of 2156 DRAFT 6/28/2006

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_LTH01A00 Leatherberry Creek ACCOMACK CO Entire estuarine portion of creek. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation #

081-013C.

VA Overall AU Category: 5A

Use Impairmer

Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Wet weather bischarges (Found counter and combination of elementary, coop of coop

Open-Water Aquatic Life Oxygen, Dissolved

01767 **2006 2010** 

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Pourson Outside State Juristiation or Bord

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1387 of 2156

01767

Oxygen, Dissolved

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Bas
---

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

VAT-C11E\_MTC01A06 Matchotank Creek - Upper ACCOMACK CO South of Broadway Neck area. Portion of CBP segment CB7PH. DSS

shellfish conedmnation # 080-169 (Effective 2004-01-13).

VA Overall AU Category:

**Impairment** 0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_MTC02A06 **Matchotank Creek - Lower** ACCOMACK CO

Lower portion of Matchotank Creek, including unsegmented tidal tribs., from the end DSS condemnation # 080-169 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: 5A

Use

**Impairment** 

0.12 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

01767 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Aquatic Life Oxygen, Dissolved 2006 oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1388 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments TMDL Group ID: 01767 Sources: Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) Open-Water Aquatic 2006 Oxygen, Dissolved 01767 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Life oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) VAT-C11E\_OCB01A00 Central Branch, Onancock Creek ACCOMACK CO Located near Town of Onancock. Entire Central Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C. VA Overall AU Category: 5A

Use

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01767

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1389 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_OCN01A04 **Onancock Creek - Upper** ACCOMACK CO Located near Town of Onancock. From junction of North, Central and South

Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH.

Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category:

Use

Impairment

0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

01767

2010 2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1390 of 2156

01767

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay	/Atlani	tic/Small	Coastal	Basins
----------------	---------	-----------	---------	--------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

VAT-C11E\_OCN02A04 **Onancock Creek Mainstem - Lower** ACCOMACK CO Located near Town of Onancock. From midway between Leatherberry and

> Cedar Creeks downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 080-013.

VA Overall AU Category:

**Impairment** 1.92 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the Life

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_ONB01A02 North Branch, Onancock Creek ACCOMACK CO Located near Town of Onancock, Entire North Branch, Onancock Creek. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish direct

harvesting condemnation 081-013 D.

VA Overall AU Category:

**Impairment** Use 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1391 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_OSB01A02

South Branch, Onancock Creek

ACCOMACK CO

Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category:

**Impairment** Use

0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1392 of 2156

**Assessment** City / County\* **Unit ID Waterbody Name** 

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**Parkers Creek** VAT-C11E\_PRK01A06 ACCOMACK CO South shore tributary of Onancock Creek at Finneys Neck. Area around marina at mouth of Parkers Creek. Portion of CBP segment CB7PH. DSS

shellfish seasonal condemnation # 080-013 M1.

VA Overall AU Category:

Use

**Impairment** 

0.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

**Assessment Unit Description** 

Oxygen, Dissolved 01767 Aquatic Life 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Open-Water Aquatic

Life

Oxygen, Dissolved

01767

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1393 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay	/Atlani	tic/Small	Coastal	Basins
----------------	---------	-----------	---------	--------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 01767

VAT-C11E\_TAR01A06 **Tarkill Creek** ACCOMACK CO Located in Sluitkill Neck area. Portion of CBP segment CB7PH. No DSS

shellfish direct harvesting condemnation.

VA Overall AU Category:

**Impairment** 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Evaluated non segmented portions of C11E not contained within VACB-

2/26/2006 CFD results supplied by CBPO).

harvesting condemnations.

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Unsegmented estuaries in C11E. **NORTHAMPTON CO** R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct

VA Overall AU Category: 5A

VAT-C11E\_ZZZ01A00

**Impairment** 0.24 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

01767 2010 2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Aquatic Life Oxygen, Dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

ACCOMACK CO

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1394 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Open-Water Aquatic

Life

•			-7	-7	<del>-</del>
Chesapeake Bay/At	lantic/Small Coastal I	Basins			
TMDL Watershed Name:		Ches	sapeake Bay 7	' Polyhaline	Embayments
TMDL Group ID:	01767				
	s	Wet Weather Disc	State Juristiction or Both harges (Non-Point Sc	ource)	of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	S	Wet Weather Disc	urce Discharge ecycling labitat burce Discharges State Juristiction or Bo harges (Non-Point Sc	ource)	of Stormwater, SSO or CSO)
VAT-C12E_PUN01A06	Pungoteague Creek - Upper		ACCOMACK		Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.29 SQUA	RE MILES TMDL Group ID	First Listed on 303(	d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Sources: Agriculture

Oxygen, Dissolved

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

01767

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Page 1395 of 2156 DRAFT 6/28/2006

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basin	Chesapeake	Bay/Atla	antic/Small	Coastal	<b>Basins</b>
---	------------	----------	-------------	---------	---------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Oxygen, Dissolved

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C12E\_PUN02A06 **Pungoteague Creek - Lower** ACCOMACK CO Located west of Town of Melfa. Lower portion of Pungoteague Cr. from

confluence with Taylor Creek (RM 2.4) downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation

# 081-119.

VA Overall AU Category:

Use

**Impairment** 1.35 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Aquatic Life oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Open-Water Aquatic Life

01767 2006 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1396 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 01767

VAT-C12E\_TAY01A06 Taylor Creek ACCOMACK CO Located southwest of Harborton. From headwaters to confluence with

Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish

condemnation # 081-119 C.

VA Overall AU Category: 5A

Use Impairment 0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

Life oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C12E\_UNR01A06 Underhill Creek ACCOMACK CO In area of Mount Nebo. North shore tributary to Pungoteague Cr. Portion of

CBP segment CB7PH. DSS shellfish condemnation # 081-119 A. Effective

2004-10-13

VA Overall AU Category: **5A** 

Use Impairment 0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1397 of 2156

**Assessment** Assessment Unit Description City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C12E WRP01A06

Warehouse Prong - Upper

ACCOMACK CO

Located north of Bobtown and east of Boggs Wharf. Upper portion, from headwaters to confluence with UT. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish condemnation # 081-119D.

VA Overall AU Category:

**Impairment** Use

0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01767

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1398 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basin	Chesapeake	Bay/Atla	antic/Small	Coastal	<b>Basins</b>
---	------------	----------	-------------	---------	---------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C12E\_WRP02A06 Warehouse Prong - Lower ACCOMACK CO Located north of Bobtown and east of Boggs Wharf. Lower portion, from

> confluence with UT downstream to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation #

081-119 B.

VA Overall AU Category:

Use

**Impairment** 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Aquatic Life oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1399 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

VAT-C12E\_ZZZ01A00 Unsegmented estuaries in C12E.

ACCOMACK CO **NORTHAMPTON CO**  Evaluated non segmented portions of C12E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct

harvesting condemnations.

VA Overall AU Category:

Use

**Impairment** 

Oxygen, Dissolved

0.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E\_CHC01A00 Church Creek - Upper NORTHAMPTON CO In area of Elliotts Neck. Tributary to Nassawadox Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-185.

VA Overall AU Category: 5A

Use

**Impairment** 

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Aquatic Life oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1400 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments TMDL Group ID: 01767 Sources: Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) Open-Water Aquatic Oxygen, Dissolved The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved 01767 2006 2010 Life oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) VAT-C13E\_CRA01A06 Craddock Creek - Upper ACCOMACK CO North of Scarborough Neck area. Portion of CBP segment CB7PH. DSS shellfish cendemnation # 083-195. VA Overall AU Category: 5A **Impairment** Use 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Sources: Agriculture

> Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Oxygen, Dissolved

Open-Water Aquatic Life

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

01767

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1401 of 2156

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basin	Chesapeake	Bay/Atlantic/Smo	all Coastal Basins
---	------------	------------------	--------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Located near Wellington Neck. From end of tidal waters downstream to VAT-C13E HGC01A06 **Holly Grove Cove NORTHAMPTON CO** 

confluence with Nassawadox Cr. Portion of CBP segment CB7PH. DSS

shellfish condemnation # 085-110C.

2/26/2006 CFD results supplied by CBPO).

VA Overall AU Category:

Use

**Impairment** 0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E\_KLL01A06 **Kelley Cove NORTHAMPTON CO** 

Oxygen, Dissolved

In Occohonnock Neck near James Wharf, trib. to upper Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 A.

VA Overall AU Category:

Use

Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Aquatic Life

oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

DRAFT 6/28/2006 Page 1402 of 2156

Assessment Unit ID

Waterbody Name City / County\*

Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 7 Polyhaline Embayments** 

TMDL Group ID:

01767

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Wet Weather Discharges (Form Counce and Communication of Communication, Cooperation)

VAT-C13E NAN01A00

Nandua Creek - Upper

ACCOMACK CO

Southeast of Hacks Neck area. The two most upstream branches of Nandua Creek and mainstem downstream to area of Nandua (approx. RM 4.5). Includes Kusian Cove. Portion of CBP segment CB7PH. DSS condemnation # 082-160 A.

VA Overall AU Category:

AU Category: **5A** 

Use Impairment

0.15 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

01767

2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

01767

2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

DRAFT 6/28/2006 Page 1403 of 2156

**Assessment** 

**Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E\_NAN02A06

Nandua Creek - Lower

ACCOMACK CO

Lower portion of Nandua Creek including unsegmented tidal tribs., from the confluence of Kusian Cove downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category:

5A Use

Impairment

3.83 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01767 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1404 of 2156

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay	/Atlani	tic/Small	Coastal	Basins
----------------	---------	-----------	---------	--------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

VAT-C13E\_NAN03A00 Nandua Creek - McLean Gut ACCOMACK CO Southwest of Fairview Neck area. Shouth shore tributary of middle Nandua

Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 082-

160 C.

VA Overall AU Category:

**Impairment** Use

0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006

Life

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E\_NSS01A06 Nassawadox Creek - Upper NORTHAMPTON CO From end of tidal waters downstream to approx. 0.25 mi upstream of

confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS

condemnation # 085-110 B

2/26/2006 CFD results supplied by CBPO).

VA Overall AU Category:

**Impairment** 

0.15 SQUARE MILES TMDL Group ID First Listed on 303(d)

TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Use

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1405 of 2156

**Assessment** City / County\* **Assessment Unit Description Waterbody Name Unit ID** 

Open-Water Aquatic

Life

*****	•				•	
Chesapeake Bay/At	tlantic/Small Coasta	ıl Basin	S			
TMDL Watershed Name:			Chesa	apeake Bay	7 Polyhaline	e Embayments
TMDL Group ID						
		:	Loss of Riparian Hab Municipal Point Sour Sources Outside Sta Wet Weather Discha Wet Weather Discha	rce Discharges ite Juristiction or irges (Non-Point	Source)	n of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved		01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		 	Atmospheric Deposit Industrial Point Sourd Internal Nutrient Rec Loss of Riparian Hab Municipal Point Sour Sources Outside Sta Wet Weather Discha	ce Discharge eycling bitat ce Discharges te Juristiction or urges (Non-Point	Source)	n of Stormwater, SSO or CSO)
VAT-C13E_NSS02A06	Nassawadox Creek - Lower			NORTHAMP	PTON CO	From approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2) downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: <b>5A</b> Use	Impairment 3.83 so	QUARE MILES	S TMDL Group ID F	First Listed on 30	03(d) TMDL Schedo	· ·
Aquatic Life	Oxygen, Dissolved		01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		 	Agriculture Atmospheric Deposit Industrial Point Sourd Internal Nutrient Rec Loss of Riparian Hab Municipal Point Sour	ce Discharge cycling bitat		

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Oxygen, Dissolved

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

01767

Page 1406 of 2156 DRAFT 6/28/2006

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

ACCOMACK CO VAT-C13E\_OCH01A06 Occohannock Creek - Upper Upper portion of Occohannock Creek and tidal tribs., from end of tidal NORTHAMPTON CO waters downstream to the confluence of Wescott Cove (RM 5.3). Portion of

CBP segment CB7PH. DSS condemnation # 084-043A.

VA Overall AU Category:

**Impairment** Use

0.51 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

01767 Aquatic Life Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Oxygen, Dissolved

Open-Water Aquatic

Life

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1407 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

VAT-C13E\_OCH02A06 Occohannock Creek - Lower

ACCOMACK CO **NORTHAMPTON CO** 

Lower portion of Occohannock Creek including tidal tribs., from the confluence of Wescott Cove (RM 5.3) downstream to mouth (RM 0.0). Portion of CBP segment CB7PH, No DSS shellfish direct harvesting condemnation.

VA Overall AU Category:

5A Use

**Impairment** 

2.84 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved Aquatic Life

2010 01767 2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E WHC01A06

Warehouse Creek - Upper

**NORTHAMPTON CO** 

Southeast fork of upper portion of creek. Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 085-110 E (VPDES outfall condemnation for Shore Mem. Hospital STP VA0027537).

VA Overall AU Category: 5A

Use

**Impairment** 

0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved Aquatic Life

01767 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1408 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E\_WHC02A06

Aquatic Life

Warehouse Creek - Middle

Oxygen, Dissolved

**NORTHAMPTON CO** 

Including northern fork and continuing downstream to bend near Wellington Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 D.

VA Overall AU Category:

Use

5A **Impairment** 

0.15 SQUARE MILES TMDL Group ID First Listed on 303(d)

2006

2010

TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

01767

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1409 of 2156

2006

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments** 

TMDL Group ID:

01767

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Warehouse Creek - Lower VAT-C13E\_WHC03A06 **NORTHAMPTON CO** From bend near Wellington Neck downstream to mouth (confluence with Nassawadox Creek). Portion of CBP segment CB7PH. No DSS shellfish

direct harvesting condemnation.

VA Overall AU Category:

**Impairment** Use

0.20 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

01767 Aquatic Life Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic 2010

Life

Oxygen, Dissolved

01767 2006 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1410 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay	'Atlantic/	Small (	Coastal .	Basins
----------------	------------	---------	-----------	--------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Oxygen, Dissolved

VAT-C13E\_ZZZ01A00 Unsegmented estuaries in C13E. ACCOMACK CO Evaluated non segmented portions of C13E. Portion of CBP segment

NORTHAMPTON CO CB7PH. No DSS shellfish condemnations.

VA Overall AU Category: 5A

Use Impairment

Impairment 2.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Wet Weather Discharges (Fount Source and Combination of Stormwater, 550 of C50

Open-Water Aquatic

Life

01767 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E\_BRL01A06 Barlow Creek - Upper NORTHAMPTON CO In area of Old Town Neck. Portion of CBP segment CB7PH. DSS shellfish

condemnation # 086-136D.

VA Overall AU Category: 5A

Use Impairme

Impairment 0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1411 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Official	Waterbody Hame		Oity / Oou	····y	The second secon
Chesapeake Bay/At	lantic/Small Coastal L	Basins			
TMDL Watershed Name:		Chesa	apeake Bay	7 Polyhaline	e Embayments
TMDL Group ID	01767				
	Sc	ources: Municipal Point Sour Sources Outside Sta Wet Weather Discha Wet Weather Discha	ite Juristiction or Bo arges (Non-Point So	ource)	n of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	So	ources: Agriculture Atmospheric Deposit	•		
		Industrial Point Sour Internal Nutrient Rec	J		
		Loss of Riparian Hab			
		Municipal Point Sour			
		Sources Outside Sta			
		Wet Weather Discha Wet Weather Discha	• ,	,	n of Stormwater, SSO or CSO)
VAT-C14E_HUG01A00	Hungars Creek - Upper		NORTHAMPT	ON CO	Upper portion of Hungars Creek from end tidal waters downstream to Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.22 SQUAF	RE MILES TMDL Group ID 1	First Listed on 303(	d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Site specific DO excursion below the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

previous minimum criteria (listed impaired in the 2004 IR as TMDL ID: VAT-C14E-01). The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1412 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E\_HUG02A00 **Hungars Creek - Lower** NORTHAMPTON CO Lower portion of Hungars Creek from Waterford Point (RM 1.8) @

confluence with Jacobus Cr. downstream to mouth. Portion of CBP segment

CB7PH. No DSS shellfish direct harvesting condemnation .

5A VA Overall AU Category:

**Impairment** Use

1.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

01767 Aquatic Life Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006 2010

Life

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1413 of 2156

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 01767

VAT-C14E\_JAC01A06 Jacobus Creek - Upper South Fork NORTHAMPTON CO West of Johnsontown. Trib to Hungars Cr. Uppermost portion of south

branch. Portion of CBP segment CB7PH. DSS Administrative Prohibition #

086-136 E - STP VA0023817 Outfall.

VA Overall AU Category:

Life

**Impairment** 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E\_JAC02A06 Jacobus Creek - Middle and Forks NORTHAMPTON CO West of Johnsontown. Trib to Hungars Cr. Middle mainstem, north fork and

lower portion of south fork. Portion of CBP segment CB7PH. DSS direct

shellfish harvesting condemnation # 086-136 B.

VA Overall AU Category:

**Impairment** 0.29 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1414 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins
1	•	

Chesapeake Bay/At	tlantic/Small Coast	al Basir	ıs						
TMDL Watershed Name:		Chesapeake Bay 7 Polyhaline Embayments							
TMDL Group ID:	01767	Sources:	Loss of Riparian Ha	bitat					
			Municipal Point Sou Sources Outside Sta	rce Discharges	Borders				
			Wet Weather Discharge Wet Weather Discharge	= :	-	tion of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved		01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).			
		Sources:	Agriculture						
			Atmospheric Depos	ition - Nitrogen					
			Industrial Point Sou						
			Internal Nutrient Re	, ,					
			Loss of Riparian Ha						
			Municipal Point Sou Sources Outside Sta	J	Dardoro				
			Wet Weather Disch						
				• ,	•	tion of Stormwater, SSO or CSO)			
VAT-C14E_JAC03A06	Jacobus Creek - Lower			NORTHAMP	TON CO	West of Johnsontown. Trib to Hungars Cr. Lower mainstem portion. Portion of CRP segment CR7PH, No DSS direct shellfish harvesting condemnation			

on of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category:

Use

**Impairment** 

1.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01767 2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1415 of 2156

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**NORTHAMPTON CO** VAT-C14E\_MAT01A06 Mattawoman Creek - Upper South of Wilsonia Neck. Portion of CBP segment CB7PH. DSS shellfish

condemnation # 086-136 C.

VA Overall AU Category: 5A

> **Impairment** Use 0.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

01767 2006 2010 Aquatic Life Oxygen, Dissolved The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

Life

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

NORTHAMPTON CO VAT-C14E\_THG01A06 The Gulf - Upper From end of tidal waters downstream to narrowing 0.45 mi. from mouth. Portion of CBP segment CB7PH. DSS shellfish condemnation # 087-174.

VA Overall AU Category:

**Impairment** 0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

DRAFT 6/28/2006 Page 1416 of 2156

Assessment Unit ID

Waterbody Name City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 7 Polyhaline Embayments** 

TMDL Group ID:

01767

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Open-Water Aquatic Life Oxygen, Dissolved

01767

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E THG02A06

The Gulf - Lower

NORTHAMPTON CO

From narrowing (end of upstream DSS condemnation) downstream to mouth. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category:

U Category: 5A

Use Impairment

0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aguatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1417 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Oxygen, Dissolved

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E\_WHS01A06 Westerhouse Creek - North Branch (Part A) NORTHAMPTON CO In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH.

DSS shellfish condemnation # 085-199 A.

VA Overall AU Category: 5A

Use

Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

01767 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1418 of 2156

01767

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay	/Atlani	tic/Small	Coastal	Basins
----------------	---------	-----------	---------	--------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

VAT-C14E\_WHS02A06 Westerhouse Creek - South Branch (Part B) NORTHAMPTON CO In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH.

DSS shellfish condemnation # 085-199 B.

VA Overall AU Category: 5A

Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

The Secure of th

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Wet Weather Discharges (Fullit Source and Combination of Stoffwater, 330 of 630)

Open-Water Aquatic

Oxygen, Dissolved

01767 **2006 2010** 

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

The treatile District good (1 only source and source an

VAT-C14E\_WHS03A06 Westerhouse Creek - Lower NORTHAMPTON CO In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A** 

Use Impairment 0.18 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

USE Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1419 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesa	peake	Bay/	Atlant	tic/Sm	all Co	pastal	Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved Life

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E\_ZZZ01A00 Unsegmented estuaries in C14E. **NORTHAMPTON CO** 

Evaluated non segmented portions of C14E. Portion of CBP segment

CB7PH. No DSS shellfish condemnations.

VA Overall AU Category:

5A Use

**Impairment** 

3.49 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

DRAFT 6/28/2006 Page 1420 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C15E\_CCB01A06 **Cape Charles Beach** NORTHAMPTON CO Located west of Town of Cape Charles, along Chesapeake Bay. Portion of

CBP segment CB7PH. No DSS condemnation.

VA Overall AU Category:

**Impairment** Use 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**NORTHAMPTON CO** Upper northern branch 1/5 of Inlet, from Eyreville Neck downstream to VAT-C15E\_CRS01A06 **Cherrystone Inlet - Upper** 

confluence with Chesapeake Bay. Including Old Castle Cr. Portion of CBP

segment CB7PH. DSS condemnation # 088-139A.

VA Overall AU Category:

Use

Life

**Impairment** 

0.30 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

01767 2010 Aquatic Life Oxygen, Dissolved 2006 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1421 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Att	lantic/Small Coastal I	Basins			
TMDL Watershed Name:		Ches	apeake Bay 7	7 Polyhaline	Embayments
TMDL Group ID:	01767				
		ources: Industrial Point Sour Internal Nutrient Red Loss of Riparian Ha Municipal Point Sou Sources Outside Sta Wet Weather Discha Wet Weather Discha	cycling bitat rce Discharges ate Juristiction or Bo arges (Non-Point Sc	ource)	of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Si	Agriculture Atmospheric Deposi Industrial Point Sour Internal Nutrient Rec Loss of Riparian Ha Municipal Point Sour Sources Outside Sta Wet Weather Discha	rce Discharge cycling bitat rce Discharges ate Juristiction or Bo arges (Non-Point Sc	ource)	of Stormwater, SSO or CSO)
VAT-C15E_CRS02A06	Cherrystone Inlet - Lower		NORTHAMPTO	ON CO	Lower 4/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Portion of CBP segment CB7PH. No DSS direct harvesting shellfish condemnation .
VA Overall AU Category: <b>5A</b> Use	Impairment 2.16 SQUAR	RE MILES TMDL Group ID	First Listed on 303(	d) TMDI Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Si	Agriculture Atmospheric Deposi Industrial Point Sour Internal Nutrient Rec Loss of Riparian Ha Municipal Point Sour Sources Outside Sta Wet Weather Discha	rce Discharge cycling bitat rce Discharges ate Juristiction or Bo arges (Non-Point Sc	ource)	of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1422 of 2156

2/26/2006 CFD results supplied by CBPO).

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**NORTHAMPTON CO** VAT-C15E KNS01A00 Kings Creek - Upper Forks From end of tidal waters downstream to confluence of the two most

upstream forks. Portion of CBP segment CB7PH. DSS condemnation # 088-

VA Overall AU Category:

Use

**Impairment** 

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

139B.

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1423 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay	/Atlani	tic/Small	Coastal	Basins
----------------	---------	-----------	---------	--------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 01767

VAT-C15E\_KNS02A00 Kings Creek - Lower NORTHAMPTON CO From confluence of the two most upstream forks downstream to mouth.

Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category:

**Impairment** 0.27 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

01767

Open-Water Aquatic Oxygen, Dissolved Life

oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C16E\_CCH01A04 **Cape Charles Harbor - Upper** NORTHAMPTON CO From most upstream end of harbor downstream to 1/2 distance to mouth

(RM 0.23). Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 089-011A (VPDES outfall condemnation for Cape Charles

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

STP VA0021288).

2/26/2006 CFD results supplied by CBPO).

VA Overall AU Category: Use

**Impairment** 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved 2006 2010 oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1424 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins
- · · · · · · · · · · · · · · · · · · ·	<i>3</i> :	

Chesapeake Bay/Att	lantic/Small Coastal	Basins			
TMDL Watershed Name:		Ch	esapeake Bay	7 Polyhalir	ne Embayments
TMDL Group ID:	01767				
		Sources: Loss of Ripariar	Habitat		
		Municipal Point	Source Discharges		
		Sources Outside	e State Juristiction or I	Borders	
		Wet Weather Di	scharges (Non-Point	Source)	
		Wet Weather Di	scharges (Point Source	ce and Combinat	ion of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01767	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	S	Sources: Agriculture			
		Atmospheric De	position - Nitrogen		
		Industrial Point	Source Discharge		
		Internal Nutrient	Recycling		
		Loss of Ripariar	Habitat		
		Municipal Point	Source Discharges		
		Sources Outside	e State Juristiction or I	Borders	
		Wet Weather Di	scharges (Non-Point S	Source)	
		Wet Weather Di	scharges (Point Source	ce and Combinat	ion of Stormwater, SSO or CSO)
VAT-C16E_CCH02A00	Cape Charles Harbor - Lower		NORTHAMP'	TON CO	From 1/2 distance to mouth (RM 0.23) downstream to confluence with the Chesapeake Bay (RM 0.0). Portion of CBP segment CB7PH. Portion of DSS ADMINISTRATIVE condemnation # 089-011B ( VPDES outfall

condemnation for Cape Charles STP VA0021288).

VA Overall AU Category: Use

Impairment

0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01767

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01767

2006

2010

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1425 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/S	Small Coastal	<b>Basins</b>
------------	----------------	---------------	---------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C16E\_KPT01A06 Kiptopeke Beach NORTHAMPTON CO Located west of Cedar Grove, along Chesapeake Bay, near southern tip of Eastern Shore. Portion of CBP segment CB7PH. No DSS condemnations.

VA Overall AU Category: **5A** 

Use Impairmer

Impairment 0.44 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

t Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life

Lifo

Life

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1426 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 01767

VAT-C16E\_OPC01A06 **Old Plantation Creek - Upper** NORTHAMPTON CO From end of tidal waters downstream to narrows at approx. RM 2.0. Portion

of CBP segment CB7PH.

DSS shellfish condemnation # 090-152.

VA Overall AU Category:

**Impairment** 0.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the Life 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C16E\_OPC02A00 **Old Plantation Creek - Lower** NORTHAMPTON CO From narrows at RM 2.0 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category: 5A

> **Impairment** 1.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1427 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Open-Water Aquatic

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments TMDL Group ID: 01767 Sources: Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) Open-Water Aquatic Oxygen, Dissolved 2006 01767 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Life oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Sources: Agriculture

> Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C16E\_ZZZ01A00 **Unsegmented estuaries in C16E NORTHAMPTON CO** Evaluated non-segmented estuarine portions of C16. Portion of CBP segment CB7PH. No DSS condemnations.

VA Overall AU Category: 5A **Impairment** Use

0.80 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

Aquatic Life Oxygen, Dissolved 01767 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Oxygen, Dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the Life 2/26/2006 CFD results supplied by CBPO).

2006

2010

Sources: Agriculture

01767

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1428 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

01767

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID: 76092

VAT-C10E\_DEP01A06 Deep Creek - Upper ACCOMACK CO East of town of Bayside. Upper portion of creek, from end of tidal waters

downstream to approx. RM 1.6. Portion of CBP segment CB7PH. DSS

Shellfish condemnation # 077-138 A.

VA Overall AU Category: 5A

Use Impairment

t 0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1429 of 2156

76092

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

**Deep Creek - Lower** ACCOMACK CO East of town of Bayside. Lower portion of creek, from RM 1.6 downstream

to mouth. Portion of CBP segment CB7PH. DSS (OPEN) Shellfish

condemnation # 077-138.

VA Overall AU Category:

VAT-C10E\_DEP02A06

Impairment 1.10 SQUARE MILES TMDL Group ID First Listed on 303(d) Use TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Between Russell Isl. & Long Ridge area. Portion of CBP segment CB7PH. ACCOMACK CO

No DSS shellfish direct harvesting condemnations.

VA Overall AU Category:

Use

VAT-C10E\_ISB01A06

Impairment

**Island Bay** 

0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Plants (Macrophytes) Aquatic Life 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1430 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E CED01A00

**Cedar Creek** 

ACCOMACK CO

2006

Entire estuarine portion of creek. North shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation 080-013 B.

VA Overall AU Category:

Use

**Impairment** 

0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1431 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins
------------	--------------------	----------------

Chesapeake Bay 7 Polyhaline Embayments TMDL Watershed Name:

TMDL Group ID: 76092

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E CSX01A00

**Chesconessex Creek - Upper** 

ACCOMACK CO

South of Chesconessex and northwest of Onancock, Portion of CBP segment CB7PH. DSS shellfish conedmnation # 079-112.

VA Overall AU Category:

Use

5A

**Impairment** 

0.21 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76092

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1432 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake.	Bay/Atlar	ıtic/Small	Coastal	<b>Basins</b>
--	-------------	-----------	------------	---------	---------------

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C11E\_CSX02A06

Aquatic Life

Chesconessex Creek - Lower

**Aquatic Plants (Macrophytes)** 

ACCOMACK CO

Lower portion of Chesconessex Creek, including unsegmented tidal tribs. & Back Cr., from the end DSS condemnation # 079-112 downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct

harvesting condemnation.

VA Overall AU Category:

Use

Impairment

3.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule 76092

Impairment Specific Comments and/or Impairment Specific VA Category

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1433 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

VAT-C11E\_FNN01A00 Finneys Creek - Upper ACCOMACK CO East of Bailey Neck area. South shore tributary of Onancock Creek. Portion

of CBP segment CB7PH. DSS shellfish condemnation # 080-013 A.

VA Overall AU Category: 5A

Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_FNN02A00 Finneys Creek - Lower ACCOMACK CO East of Bailey Neck area. South shore tributary of Onancock Creek. Lower

portion of creek, from the end of DSS condemnation # # 080-013 A downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish

direct harvesting condemnation.

VA Overall AU Category: 5A

Use

Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

DRAFT 6/28/2006 Page 1434 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C11E LTH01A00

**Leatherberry Creek** 

ACCOMACK CO

Entire estuarine portion of creek. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation #

081-013C.

VA Overall AU Category: 5A

Use

**Impairment** 

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1435 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_MTC01A06

**Matchotank Creek - Upper** 

ACCOMACK CO

South of Broadway Neck area. Portion of CBP segment CB7PH. DSS

shellfish conedmnation # 080-169 (Effective 2004-01-13).

VA Overall AU Category: 5A

Use

Impairment

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1436 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E MTC02A06

**Matchotank Creek - Lower** 

ACCOMACK CO

Lower portion of Matchotank Creek, including unsegmented tidal tribs., from the end DSS condemnation # 080-169 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category:

5A Use

**Impairment** 

0.12 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1437 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

VAT-C11E\_OCB01A00 Central Branch, Onancock Creek ACCOMACK CO Located near Town of Onancock. Entire Central Branch, Onancock Creek.

Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation

081-013C.

VA Overall AU Category: **5A** 

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borde

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_OCN01A04 Onancock Creek - Upper ACCOMACK CO

Located near Town of Onancock.From junction of North, Central and South

Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH.

Portion of DSS shellfish condemnation 081-013C

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

VA Overall AU Category: 5A

Use Impairment 0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

Sources: Agriculture

DRAFT 6/28/2006 Page 1438 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E OCN02A04

**Onancock Creek Mainstem - Lower** 

ACCOMACK CO

Located near Town of Onancock. From midway between Leatherberry and Cedar Creeks downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 080-013.

VA Overall AU Category:

Use

**Impairment** 

1.92 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1439 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basin	Chesapeake	Bay/Atla	antic/Small	Coastal	<b>Basins</b>
---	------------	----------	-------------	---------	---------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_ONB01A02 North Branch, Onancock Creek ACCOMACK CO Located near Town of Onancock. Entire North Branch, Onancock Creek. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish direct

harvesting condemnation 081-013 D.

VA Overall AU Category:

Use

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1440 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E OSB01A02

South Branch, Onancock Creek

ACCOMACK CO

Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A** 

Use

Impairment

0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092 **2006 2010** 

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1441 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

Parkers Creek ACCOMACK CO South shore tributary of Onancock Creek at Finneys Neck. Area around

marina at mouth of Parkers Creek. Portion of CBP segment CB7PH. DSS

shellfish seasonal condemnation # 080-013 M1.

VA Overall AU Category: 5A

VAT-C11E\_PRK01A06

Use Impairment 0.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment S

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E\_TAR01A06 Tarkill Creek ACCOMACK CO Located in Sluitkill Neck area. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: 54

Use

Impairment 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1442 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C11E ZZZ01A00

Unsegmented estuaries in C11E.

ACCOMACK CO NORTHAMPTON CO

Evaluated non segmented portions of C11E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category:

5A Use

**Impairment** 

0.24 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092

2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1443 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C12E\_PUN01A06

**Pungoteague Creek - Upper** 

ACCOMACK CO

Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category:

Use

Impairment

0.29 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

76092

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1444 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C12E\_PUN02A06

**Pungoteague Creek - Lower** 

ACCOMACK CO

Located west of Town of Melfa. Lower portion of Pungoteague Cr. from confluence with Taylor Creek (RM 2.4) downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 081-119.

VA Overall AU Category:

5A Use

**Impairment** 

1.35 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76092 2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1445 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

VAT-C12E\_TAY01A06 Taylor Creek ACCOMACK CO Located southwest of Harborton. From headwaters to confluence with

Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish

condemnation # 081-119 C.

VA Overall AU Category: **5A** 

Use Impairment 0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

ACCOMACK CO In area of Mount Nebo. North shore tributary to Pungoteague Cr. Portion of

CBP segment CB7PH. DSS shellfish condemnation # 081-119 A. Effective

2004-10-13.

VA Overall AU Category: 5

VAT-C12E\_UNR01A06

Use Impairment 0

**Underhill Creek** 

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1446 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C12E WRP01A06

Warehouse Prong - Upper

ACCOMACK CO

Located north of Bobtown and east of Boggs Wharf. Upper portion, from headwaters to confluence with UT. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish condemnation # 081-119D.

VA Overall AU Category:

5A Use

**Impairment** 

0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76092

2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1447 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments TMDL Group ID: 76092 2010 Shallow-Water **Aquatic Plants (Macrophytes)** 76092 2006 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005. Submerged Aquatic Vegetation Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C12E\_WRP02A06 Warehouse Prong - Lower ACCOMACK CO Located north of Bobtown and east of Boggs Wharf. Lower portion, from confluence with UT downstream to confluence with Pungoteague Cr.

Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation #

081-119 B.

VA Overall AU Category: 5A
Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water
Submerged Aquatic
Vegetation

Sources: Agriculture

**Aquatic Plants (Macrophytes)** 

Atmospheric Deposition - Nitrogen

Clean Sediments

76092

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1448 of 2156

2006

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C12E ZZZ01A00

Unsegmented estuaries in C12E.

ACCOMACK CO NORTHAMPTON CO

Evaluated non segmented portions of C12E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct

harvesting condemnations.

VA Overall AU Category:

5A Use

**Impairment** 

0.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092 2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1449 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

VAT-C13E\_CHC01A00 Church Creek - Upper NORTHAMPTON CO In area of Elliotts Neck.Tributary to Nassawadox Creek. Portion of CBP

segment CB7PH. DSS shellfish condemnation # 085-185.

VA Overall AU Category: 5A

Use Impairment 0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E\_CRA01A06 Craddock Creek - Upper ACCOMACK CO North of Scarborough Neck area. Portion of CBP segment CB7PH. DSS shellfish cendemnation # 083-195.

Sitematic Certaenthation # 000-133.

VA Overall AU Category: **5A** 

Use

Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1450 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C13E HGC01A06

**Holly Grove Cove** 

**NORTHAMPTON CO** 

Located near Wellington Neck. From end of tidal waters downstream to confluence with Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110C.

VA Overall AU Category:

5A Use

**Impairment** 

0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)**  76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1451 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins
- · · · · · · · · · · · · · · · · · · ·	<i>3</i> :	

Chesapeake Bay 7 Polyhaline Embayments TMDL Watershed Name:

TMDL Group ID:

76092

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C13E KLL01A06

**Kelley Cove** 

NORTHAMPTON CO

In Occohonnock Neck near James Wharf, trib. to upper Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 A.

VA Overall AU Category:

Use

5A

Impairment

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1452 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C13E\_NAN01A00

Nandua Creek - Upper

ACCOMACK CO

Southeast of Hacks Neck area. The two most upstream branches of Nandua Creek and mainstem downstream to area of Nandua (approx. RM 4.5). Includes Kusian Cove. Portion of CBP segment CB7PH. DSS condemnation # 082-160 A.

VA Overall AU Category:

Use

Impairment

0.15 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule 76092

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1453 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

VAT-C13E\_NAN02A06 Nandua Creek - Lower ACCOMACK CO Lower portion of Nandua Creek including unsegmented tidal tribs., from the

confluence of Kusian Cove downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category:

Use Impairment

pairment 3.83 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

ACCOMACK CO Southwest of Fairview Neck area. Shouth shore tributary of middle Nandua

Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 082-

160 C.

VA Overall AU Category: 5

VAT-C13E\_NAN03A00

Use Impairment

Impairment 0.05

Nandua Creek - McLean Gut

0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1454 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C13E NSS01A06

Nassawadox Creek - Upper

**NORTHAMPTON CO** 

From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS condemnation # 085-110 B.

VA Overall AU Category: 5A

Use

**Impairment** 

0.15 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1455 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins
------------	--------------------	----------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments TMDL Group ID: 76092 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure Shallow-Water **Aquatic Plants (Macrophytes)** 76092 2006 to meet the SAV acreage criteria provided by the CBPO 12/1/2005. Submerged Aquatic Vegetation Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) VAT-C13E NSS02A06 Nassawadox Creek - Lower NORTHAMPTON CO From approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2) downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: 5A

Impairment Use

Aquatic Life Aquatic Plants (Macrophytes)

3.83 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

76092

2006

2010

Impairment Specific Comments and/or Impairment Specific VA Category The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1456 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E\_OCH01A06

Occohannock Creek - Upper

ACCOMACK CO **NORTHAMPTON CO**  Upper portion of Occohannock Creek and tidal tribs., from end of tidal waters downstream to the confluence of Wescott Cove (RM 5.3). Portion of CBP segment CB7PH. DSS condemnation # 084-043A.

VA Overall AU Category:

**Impairment** Use

0.51 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)**  76092 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1457 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

**Aquatic Plants (Macrophytes)** 

VAT-C13E\_OCH02A06 Occohannock Creek - Lower ACCOMACK CO Lower portion of Occohannock Creek including tidal tribs., from the

**NORTHAMPTON CO** confluence of Wescott Cove (RM 5.3) downstream to mouth (RM 0.0). Portion of CBP segment CB7PH, No DSS shellfish direct harvesting

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

condemnation.

VA Overall AU Category: 5A

> Use **Impairment** 2.84 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2010 76092 2006 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure Aquatic Life Aquatic Plants (Macrophytes)

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

76092

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**NORTHAMPTON CO** Southeast fork of upper portion of creek. Portion of CBP segment CB7PH. VAT-C13E\_WHC01A06 Warehouse Creek - Upper

condemnation for Shore Mem. Hospital STP VA0027537).

DSS ADMINISTRATIVE condemnation # 085-110 E (VPDES outfall

VA Overall AU Category: 5A

**Impairment** Use 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

76092 Aquatic Life Aquatic Plants (Macrophytes) 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

DRAFT 6/28/2006 Page 1458 of 2156

Assessment Unit ID

Waterbody Name

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E WHC02A06

Warehouse Creek - Middle

NORTHAMPTON CO

Including northern fork and continuing downstream to bend near Wellington Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 D.

VA Overall AU Category: 54

Use Impa

Impairment

0.15 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76092 **2006 2010** 

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1459 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092 **2006** 

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E\_WHC03A06

Warehouse Creek - Lower

NORTHAMPTON CO

From bend near Wellington Neck downstream to mouth (confluence with Nassawadox Creek). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category:

Use

se impan

Impairment

0.20 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1460 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C13E ZZZ01A00

Unsegmented estuaries in C13E.

ACCOMACK CO NORTHAMPTON CO Evaluated non segmented portions of C13E. Portion of CBP segment

CB7PH. No DSS shellfish condemnations.

VA Overall AU Category:

5A Use

**Impairment** 

2.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092

2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1461 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

VAT-C14E\_BRL01A06 **Barlow Creek - Upper** NORTHAMPTON CO In area of Old Town Neck. Portion of CBP segment CB7PH. DSS shellfish

condemnation # 086-136D.

VA Overall AU Category:

**Impairment** 0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E\_HUG01A00 **Hungars Creek - Upper** NORTHAMPTON CO Upper portion of Hungars Creek from end tidal waters downstream to

Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136

A.

VA Overall AU Category: 5A

Use

**Impairment** 

0.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life 76092 2006 2010

Aquatic Plants (Macrophytes) The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

DRAFT 6/28/2006 Page 1462 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E HUG02A00

**Hungars Creek - Lower** 

Aquatic Plants (Macrophytes)

NORTHAMPTON CO

Lower portion of Hungars Creek from Waterford Point (RM 1.8) @ confluence with Jacobus Cr. downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category:

Aquatic Life

5A

**Impairment** Use

1.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

2010

Impairment Specific Comments and/or Impairment Specific VA Category The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Atmospheric Deposition - Nitrogen

Clean Sediments

Sources: Agriculture

76092

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1463 of 2156

2006

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlanti	ic/Small	Coastal	<b>Basins</b>
Circsupcuive			Cousini	Dustits

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76092 **2006** 

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C14E JAC01A06 Jacobus Creek - Upper South Fork

**NORTHAMPTON CO** 

West of Johnsontown. Trib to Hungars Cr. Uppermost portion of south branch. Portion of CBP segment CB7PH. DSS Administrative Prohibition #

086-136 E - STP VA0023817 Outfall.

VA Overall AU Category:

Use

Impairment

0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1464 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C14E JAC02A06

Jacobus Creek - Middle and Forks

**NORTHAMPTON CO** 

West of Johnsontown. Trib to Hungars Cr. Middle mainstem, north fork and lower portion of south fork. Portion of CBP segment CB7PH. DSS direct shellfish harvesting condemnation # 086-136 B.

VA Overall AU Category:

5A Use

**Impairment** 

0.29 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092 2006 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1465 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

VAT-C14E\_JAC03A06 Jacobus Creek - Lower NORTHAMPTON CO West of Johnsontown. Trib to Hungars Cr. Lower mainstem portion. Portion

of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category:

**Impairment** 1.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E\_MAT01A06 Mattawoman Creek - Upper NORTHAMPTON CO South of Wilsonia Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136 C.

VA Overall AU Category: 5A

Use

**Impairment** 0.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Plants (Macrophytes) Aquatic Life 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1466 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E THG01A06

The Gulf - Upper

**NORTHAMPTON CO** 

From end of tidal waters downstream to narrowing 0.45 mi. from mouth. Portion of CBP segment CB7PH. DSS shellfish condemnation # 087-174.

VA Overall AU Category:

5A

**Impairment** Use

0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092

2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1467 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay 7 Polyhaline Embayments TMDL Watershed Name: TMDL Group ID: 76092

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092 2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E THG02A06

The Gulf - Lower

NORTHAMPTON CO

From narrowing (end of upstream DSS condemnation) downstream to mouth. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category:

Use

Impairment

5A

0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1468 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 7 Polyhaline Embayments** 

TMDL Group ID:

76092

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E\_WHS01A06 Westerhouse Creek - North Branch (Part A)

NORTHAMPTON CO

In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH.

DSS shellfish condemnation # 085-199 A.

VA Overall AU Category:

Use

Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1469 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

VAT-C14E\_WHS02A06 Westerhouse Creek - South Branch (Part B) NORTHAMPTON CO In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH.

DSS shellfish condemnation # 085-199 B.

VA Overall AU Category: 5A

Use Impairment

Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

With Walling Bloomanges (Form Council and Community, 200 of Coop)

VAT-C14E\_WHS03A06 Westerhouse Creek - Lower NORTHAMPTON CO In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category:

5A

Use Impairment 0.18 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1470 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C14E ZZZ01A00

Unsegmented estuaries in C14E.

**NORTHAMPTON CO** 

2006

Evaluated non segmented portions of C14E. Portion of CBP segment CB7PH. No DSS shellfish condemnations.

VA Overall AU Category:

5A

Use

**Impairment** 

3.49 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1471 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C15E CCB01A06

**Cape Charles Beach** 

NORTHAMPTON CO

Located west of Town of Cape Charles, along Chesapeake Bay. Portion of CBP segment CB7PH. No DSS condemnation.

VA Overall AU Category:

Use

5A

Impairment

0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76092

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1472 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C15E\_CRS01A06

**Cherrystone Inlet - Upper** 

NORTHAMPTON CO

Upper northern branch 1/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Including Old Castle Cr. Portion of CBP segment CB7PH. DSS condemnation # 088-139A.

VA Overall AU Category:

Use Use

Impairment

0.30 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76092 **2006 2010** 

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1473 of 2156

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Bas
---

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

VAT-C15E\_CRS02A06 **Cherrystone Inlet - Lower** NORTHAMPTON CO Lower 4/5 of Inlet, from Eyreville Neck downstream to confluence with

Chesapeake Bay. Portion of CBP segment CB7PH. No DSS direct

harvesting shellfish condemnation.

VA Overall AU Category:

Use

**Impairment** 2.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

NORTHAMPTON CO VAT-C15E\_KNS01A00 Kings Creek - Upper Forks From end of tidal waters downstream to confluence of the two most

upstream forks. Portion of CBP segment CB7PH. DSS condemnation # 088-

139B.

VA Overall AU Category:

**Impairment** Use

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1474 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C15E KNS02A00

Kings Creek - Lower

**NORTHAMPTON CO** 

From confluence of the two most upstream forks downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category:

5A

**Impairment** Use

0.27 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1475 of 2156

**Assessment** Assessment Unit Description City / County\* **Unit ID Waterbody Name** 

Chesapeake.	Bay/Atlantic/Small	Coastal Basins
-------------	--------------------	----------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments TMDL Group ID: 76092

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092 2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C16E CCH01A04

**Cape Charles Harbor - Upper** 

NORTHAMPTON CO

From most upstream end of harbor downstream to 1/2 distance to mouth (RM 0.23). Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 089-011A (VPDES outfall condemnation for Cape Charles STP VA0021288).

VA Overall AU Category:

Use

**Impairment** 

0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76092

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1476 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C16E CCH02A00

**Cape Charles Harbor - Lower** 

**NORTHAMPTON CO** 

From 1/2 distance to mouth (RM 0.23) downstream to confluence with the Chesapeake Bay (RM 0.0). Portion of CBP segment CB7PH. Portion of DSS ADMINISTRATIVE condemnation # 089-011B ( VPDES outfall condemnation for Cape Charles STP VA0021288).

VA Overall AU Category:

Use

Impairment

5A

0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aguatic Life

Aguatic Plants (Macrophytes)

76092 **2006 2010** 

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1477 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Sm	all Coastal Basins
--	------------	-----------------	--------------------

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID: 76092

VAT-C16E\_KPT01A06 Kiptopeke Beach NORTHAMPTON CO Located west of Cedar Grove, along Chesapeake Bay, near southern tip of

Eastern Shore. Portion of CBP segment CB7PH. No DSS condemnations.

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

VA Overall AU Category: 5A

Use Impairment 0.44 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

to meet the 6/17 deleage differing provided by the 6BF 6-12/1/2000.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C16E\_OPC01A06 Old Plantation Creek - Upper NORTHAMPTON CO From end of tidal waters downstream to narrows at approx. RM 2.0. Portion

of CBP seament CB7PH.

DSS shellfish condemnation # 090-152.

VA Overall AU Category: 5A

Use

Impairment 0.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76092 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1478 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C16E OPC02A00

**Old Plantation Creek - Lower** 

**NORTHAMPTON CO** 

From narrows at RM 2.0 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category:

Use

**Impairment** 

1.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

2006

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1479 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

acropnytes)

76092

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C16E ZZZ01A00

**Unsegmented estuaries in C16E** 

NORTHAMPTON CO

Evaluated non-segmented estuarine portions of C16. Portion of CBP

segment CB7PH. No DSS condemnations.

VA Overall AU Category:

Use Imp

5A

Impairment

0.80 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76092

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76092

2006

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1480 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 7 Polyhaline Embayments

TMDL Group ID:

76092

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name: Chesapeake Bay 8 Polyhaline Embayments

TMDL Group ID: 76091

VAT-C08E CBB01A06 Chesapeake Bay Beaches

NORFOLK CITY VIRGINIA BEACH CITY Located along Chesapeake Bay, inn cities of Norfolk and Virginia Beach. Portion of CBP segment CB8PH. No DSS shellfish direct harvesting

condemnations present.

VA Overall AU Category: **5A** 

Use

Impairment 2.54 sc

2.54 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76091 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76091

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1481 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay 8 Polyhaline Embayments

TMDL Group ID: 76091

VAT-C08E\_LCC01A06 Little Creek & Harbor (except mouth) NORFOLK CITY Entire area of Little Creek and upper portion of Little Creek Harbor. From

headwaters of Little Cr. downstream to lower portion of Harbor @ RM 0.2. CBP segment CB8PH. DSS (ADMINISTRATIVE) condemnation # 068-017.

VA Overall AU Category: **5A** 

Use Impairment 1.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76091 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76091

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E\_LCC02A06 Little Creek Harbor - Mouth NORFOLK CITY From approx. RM 0.2 downstream to mouth. CBP segment CB8PH. DSS

(ADMINISTRATIVE) condemnation # 068-017.

VA Overall AU Category: 54

Use

Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76091 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1482 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay 8 Polyhaline Embayments** 

TMDL Group ID:

76091

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76091

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name:

Chesapeake Bay and Tributaries

TMDL Group ID:

76068

VAT-C07E BAK01A00

Mainstem Back River

**HAMPTON CITY** POQUOSON CITY CITY

From junction of Northwest and Southwest Branches downstream to mouth of Back River. Portion of CBP Segment MOBPH. No DSS shellfish

condemnations.

VA Overall AU Category:

Use

**Impairment** 

0.56 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Fish Consumption

**PCB** in Fish Tissue

76068

2006

2018

The Fish Consumption Use is impaired based on the VDH fish consumption advisory

for PCBs issued 12/13/04.

Sources: Source Unknown

DRAFT 6/28/2006 Page 1483 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	Atlantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay a	and Tributaries
TMDL Group	ID: 76068		
VAT-C07E_BCB01A06	Buckroe Beaches	HAMPTON CITY	From northeast of Buckroe Beach southwest to Parallel with start of Mill Cr. Portion of CBP Segment CB8PH. No DSS shellfish condemnations.
VA Overall AU Category: 54 Use	Impairment 0.22 SQUARE MILES TMDL Gr	roup ID First Listed on 303(d) TMD	L Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76	068 <b>2006 20</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unit	known	
VAT-C07E_BCK01A00	Back Creek - Upper	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. From end of tidal waters downstream to point upstream of Dandy (RM 1.6). CBP Segment MOBPH. DSS shellfish condemnation # 053-151A.
VA Overall AU Category: 5,0 Use		roup ID First Listed on 303(d) TMD	L Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76	068 <b>2006 20</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Uni	known	
VAT-C07E_BCK02A06	Back Creek - Middle (DSS-marina area)	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. Area within DSS shellfish condemnation # 053-151 M1, around marina area (Effective 2005-11-03).
VA Overall AU Category: 5/		roup ID First Listed on 303(d) TMD	L Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption			The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Uni	known	
VAT-C07E_BCK03A06	Back Creek - Lower	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. From upstream of Dandy (RM 1.6) downstream to mouth (RM 0.0). DSS shellfish condemnation # 053-151 (OPEN, Effective 2004-04-26).
VA Overall AU Category: 5 <i>i</i> Use		roup ID First Listed on 303(d) TMD	oL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76	068 2006 20	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unit	known	

DRAFT 6/28/2006 Page 1484 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay and	Tributaries
TMDL Group ID.	76068		
VAT-C07E_BRK01A06	Brick Kiln Creek	HAMPTON CITY YORK CO	From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of tidal waters north of Ebenezer Church ) downstream to confluence with Northwest Br. Back R. CBP Segment MOBPH. Portion of DSS shellfish condemnation #054-021C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.09 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Sche	edule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknow	'n	
VAT-C07E_CCR01A06	Cedar & Topping Creeks	POQUOSON CITY CITY	Located near City of Poquoson. Cedar & Topping Creeks are tribs to the north shore of the Northwest Branch of Back River. Portion of DSS condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.10 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Sche	edule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknow	'n	
VAT-C07E_CHS01A06	Chisman Creek-Upper & Goose Cr	POQUOSON CITY CITY	From end of tidal waters (upper 2/3 of creek), downstream to area of Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS condemnation # 053-137A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.51 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Sche	dula Impairment Coolife Comments and/or Impairment Coolife VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	Edule Impairment Specific Comments and/or Impairment Specific VA Category  The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknow	'n	
VAT-C07E_CHS02A06	Chisman Creek-Lower North Shore (Marina)	POQUOSON CITY CITY	North shore of creek, area of Cheeseman. Contains DSS seasonal condemnation # 053-137 M2. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.09 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Sche	edule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknow	n	

DRAFT 6/28/2006 Page 1485 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay a	nd Tributaries
TMDL Group IE	76068		
VAT-C07E_CHS02B06	Chisman Creek - Lower	POQUOSON CITY CITY	Lower 1/3 of creek, downstream from area of Evergreen Shores (RM 0.9) to mouth. CBP Segment MOBPH. DSS (OPEN) condemnation # 053-137.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.64 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDI	_ Schedule
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 20</b> °	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: So	urce Unknown	
VAT-C07E_EAS01A06	Easton Cove/Floyds Bay	POQUOSON CITY CITY	Cocated in southeast corner of Bennett Cr, trib to Poquoson River. Area of York Haven Anchorage. Includes Easton Cove and Floyds Bay. DSS shellfish condemnation # 053-137I (Effective 2004-04-26). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.18 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL	Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 20</b> °	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: So	urce Unknown	
VAT-C07E_FRT01A06	Front Cove	POQUOSON CITY CITY	North shore trib. to mainstem Back R. Adjacent to Messick Point. DSS shellfish condemnation # 054-021A (Effective 2004-06-02, previously in # 193 - effective 1998-06-24). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDI	Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 20</b>	
	Sources: So	urce Unknown	
VAT-C07E_GRV01A06	Grandview Pier & Saltponds Beaches	HAMPTON CITY	From Grandview beach southwest to northeast of Buckroe Beach. Portion of CBP Segment CB8PH. No DSS shellfish condemnations.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.34 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDI	_ Schedule
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 20</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: So	urce Unknown	

DRAFT 6/28/2006 Page 1486 of 2156

Assessment Unit ID	Waterbody Name		City / County	<b>y</b> *	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins				
TMDL Watershed Name:			Chesapeake Ba	ay and Tri	butaries
TMDL Group ID:	76068				
VAT-C07E_HAR01A06	Harris River - Upper		HAMPTON CIT	Υ	South shore trib. to mainstem Back R. Adjacent to Fox Hill area. DSS shellfish condemnation # 054-215A (Effective 2004-06-02, previously in # 054-021G - effective 2002-06-25). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.28 SQUARE MILES TM	IDL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source	ce Unknown			
VAT-C07E_HAR02A06	Harris River - Lower		HAMPTON CIT	Υ	South shore trib. to mainstem Back R. Adjacent to Fox Hill area. From end of upstream DSS condemn (approx. RM 0.5) downstream to mouth. No DSS shellfish harvesting condemnation. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.13 SQUARE MILES TM	1DL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source	ce Unknown			
VAT-C07E_INB01A04	DSS Inlet #2-Unnamed Inlet of Back River		HAMPTON CIT	Υ	South shore trib. to mainstem Back R.Located in unnamed inlet west of Dandy Point. On south shore of Back River, southwest of mouth and east of Harris R. DSS condemnation # 054-215B (effective 2004-06-02). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TM	IDL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source	ce Unknown			
VAT-C07E_LMC01A04	Lambs Creek - Poquoson River		POQUOSON CITY YORK CO	CITY	South shore tributary to Poquoson R, west of Poquoson Shores. On border of Poquoson/York boundary. Between Moores Cr. and Roberts Cr to east. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MILES TM	IDL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

DRAFT 6/28/2006 Page 1487 of 2156

Sources: Source Unknown

**PCB** in Fish Tissue

Fish Consumption

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	Atlantic/Small Coastal Basins	1	
TMDL Watershed Name:		Chesapeake Bay and	d Tributaries
TMDL Group	ID: 76068		
VAT-C07E_LON01A06	Long & Grunland Creeks - Back River	HAMPTON CITY	South shore trib. to mainstem Back R. Adjacent to Grandview area. DSS (ADMINISTRATIVE) shellfish harvesting condemnation # 054-215 D (effective 2004-06-02). CBP Segment MOBPH.
VA Overall AU Category: 5 Use	A Impairment 0.17 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL So	chedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: So	ource Unknown	
VAT-C07E_LYO01A06	Lyons Creek - Upper	POQUOSON CITY CITY	South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH
VA Overall AU Category: 5 Use	A Impairment 0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL So	, ,
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: So	ource Unknown	
VAT-C07E_LYO02A06	Lyons Creek - Lower	POQUOSON CITY CITY	South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS (OPEN) Shellfish condemnation # 053-137 (effective 2004-04-26). CBP Segment MOBPH.
VA Overall AU Category: 5 Use	A Impairment 0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL So	chedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: So	ource Unknown	
VAT-C07E_NEW01A02	Newmarket Creek - Upper	HAMPTON CITY	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH
VA Overall AU Category: 5 Use	A Impairment 0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL So	chedule Impairment Specific Comments and/or Impairment Specific VA Category

DRAFT 6/28/2006 Page 1488 of 2156

2006

2018

for PCBs issued 12/13/04.

The Fish Consumption Use is impaired based on the VDH fish consumption advisory

76068

Sources: Source Unknown

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/At	tlantic/Small Coastal Basins	
TMDL Watershed Name:	Chesapeake Bay and Tributaries	
TMDL Group ID	76068	
VAT-C07E_NEW02A02	Newmarket Creek - Lower  HAMPTON CITY  South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBF	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisor for PCBs issued 12/13/04.	ory
	Sources: Source Unknown	
VAT-C07E_NWB01A06	Northwest Br. Back River - Upper  HAMPTON CITY POQUOSON CITY CITY Headwaters to confluence of Topping Creek @ RM 1.5, end of DSS shellfish condemnation #054-021C. Condemnation less Cedar/Topping Brick Kiln Creeks. CBP Segment MOBPH.	&
VA Overall AU Category: <b>5A</b> Use	Impairment 0.39 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisor for PCBs issued 12/13/04.	ory
	Sources: Source Unknown	
VAT-C07E_NWB02A06	Northwest Br. Back River - Lower  HAMPTON CITY POQUOSON CITY CITY From area of confluence of Topping Creek (approx. RM 1.5) downstream confluence with mainstem Back R. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.	ı to
VA Overall AU Category: <b>5A</b> Use	Impairment 1.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisor for PCBs issued 12/13/04.	ory
	Sources: Source Unknown	
VAT-C07E_POQ01A06	Poquoson River - Upper  YORK CO From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks. CBP Segment MOBPH.	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisor for PCBs issued 12/13/04.	ory
	Sources: Source Unknown	

DRAFT 6/28/2006 Page 1489 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay and Tr	ributaries
TMDL Group ID	76068		
VAT-C07E_POQ02A06	Poquoson River - Lower	YORK CO	From point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck to mouth. No DSS shellfish harvesting condemnation. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 2.45 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknow	<i>r</i> n	
VAT-C07E_POQ02B04	Unnamed Cove - Poquoson River	YORK CO	North shore trib to Poquoson R. east of Piney Point Estates. DSS shellfish condemnation # 053-137B. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknow	'n	
VAT-C07E_PTC01A04	Patricks Creek - Poquoson River	YORK CO	North shore trib to Poquoson R. South of Dare area.DSS Shellfish condemnation # 053-137 C. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.10 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknow	/n	
VAT-C07E_ROB01A04	Roberts Creek - Poquoson River	POQUOSON CITY CITY	South shore trib to Poquoson R. South of Dare area. DSS Shellfish condemnation # 053-137 F. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.11 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknow	vn	

DRAFT 6/28/2006 Page 1490 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay and Tr	ributaries
TMDL Group ID:	76068		
VAT-C07E_SWB01A06	Southwest Branch - Back River	HAMPTON CITY	Headwaters of Southwest Branch downstream to mouth, confluence with Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E. CBP segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.76 SQUARE MILES TMDL Group ID	First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknown		
VAT-C07E_TBC01A04	Tabbs Creek - Back River	POQUOSON CITY CITY	Tributary to Northwest Branch Back River. Portion of DSS shellfish condemnation # 054-021D. CBP segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES TMDL Group ID	First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknown		
VAT-C07E_WAL01A06	Wallace Creek - Upper (Back River)	HAMPTON CITY	Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. Most ustream tip of creek. DSS (ADMINISTRATIVE) shellfish condemnation # 054-215 E. CBP segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TMDL Group ID	First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknown		
VAT-C07E_WAL02A06	Wallace Creek - Lower (Back River)	HAMPTON CITY	Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. DSS shellfish condemnation # 054-215 C. CBP segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.06 SQUARE MILES TMDL Group ID	First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknown		

DRAFT 6/28/2006 Page 1491 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay and Tr	ributaries
TMDL Group ID:	76068		
VAT-C07E_WAT01A06	Watts Creek - (NW Br. Back River)	POQUOSON CITY CITY	Located southwest of Poquoson. Watts Cr. trib to Northwest Br. of Back R. Portion of DSS condemnation # 054-021B. CBP segment MOBPH.
VA Overall AU Category: <b>5A</b> Use		p ID First Listed on 303(d) TMDL Schedu	
Fish Consumption	PCB in Fish Tissue 76068	B <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unkno	wn	
VAT-C07E_WHH01A06	White House Cove - Upper	POQUOSON CITY CITY	Located in York Haven Anchorage area, south of mouth of Poquoson R, area of DSS Shellfish condemnation # 053-137 H. CBP segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.10 SQUARE MILES TMDL Group	p ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	3 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unkno	wn	
VAT-C07E_ZZZ01A00	Unsegmented estuaries in C07E	HAMPTON CITY YORK CO	Non segmented areas of C07E. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 31.81 SQUARE MILES TMDL Group	p ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	B <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unkno	wn	
VAT-C08E_BBY01A06	Broad Bay - Upper	VIRGINIA BEACH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.90 SQUARE MILES TMDI Group	p ID First Listed on 303(d) TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Catarray
Fish Consumption	PCB in Fish Tissue 76068		ule Impairment Specific Comments and/or Impairment Specific VA Category  The Fish Consumption Use is impaired based on the VDH fish consumption advisory
•	Sources: Source Unkno		for PCBs issued 12/13/04.
	Sources: Source Unkno	wii	

DRAFT 6/28/2006 Page 1492 of 2156

**Assessment** 

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	Atlantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay and Tr	ibutaries
TMDL Group	ID: 76068		
VAT-C08E_BBY02A06	Broad Bay - Lower	VIRGINIA BEACH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Lower portion of bay. Portion of CBP segment LYNPH. DSS (OPEN) shellfish direct harvesting condemnation # 071-025.
VA Overall AU Category: 5	A Impairment 0.34 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknown		
VAT-C08E_CBB01A06	Chesapeake Bay Beaches	NORFOLK CITY VIRGINIA BEACH CITY	Located along Chesapeake Bay, inn cities of Norfolk and Virginia Beach. Portion of CBP segment CB8PH. No DSS shellfish direct harvesting condemnations present.
VA Overall AU Category: 5 Use Fish Consumption	A Impairment 2.54 SQUARE MILES TMDL Group II PCB in Fish Tissue 76068	D First Listed on 303(d) TMDL Schedu 2006 2018	Impairment Specific Comments and/or Impairment Specific VA Category  The Fish Consumption Use is impaired based on the VDH fish consumption advisory
Fish Consumption	PCB III FISH TISSUE 70000	2006 2016	for PCBs issued 12/13/04.
	Sources: Source Unknown	l	
VAT-C08E_CRY01A00	Crystal Lake	VIRGINIA BEACH CITY	Includes Rainey Gut. Located in North Linkhorn Park area in Virginia Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5	A Impairment 0.13 SQUARE MILES TMDL Group II	D. First Listed on 202/d). TMDI Cohod.	de Tanasiumant Carrièr Commante and des Installement Carrièr VA Cabanas.
Use Fish Consumption	PCB in Fish Tissue 76068	2006 2018	Ile Impairment Specific Comments and/or Impairment Specific VA Category  The Fish Consumption Use is impaired based on the VDH fish consumption advisory
,			for PCBs issued 12/13/04.
	Sources: Source Unknown		
VAT-C08E_DEY01A00	Dey Cove/Mill Dam Creek	VIRGINIA BEACH CITY	Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).
VA Overall AU Category: 5	A Impairment 0.08 SQUARE MILES TMDL Group II	D. First Listed on 303(d). TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknown		IOI FODS ISSUEU 12/13/04.

DRAFT 6/28/2006 Page 1493 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay and Tr	ibutaries
TMDL Group ID.	76068		
VAT-C08E_EBL01A06	Eastern Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.70 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknown		
VAT-C08E_EBL02A06	Eastern Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.29 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknown		
VAT-C08E_LCC01A06	Little Creek & Harbor (except mouth)	NORFOLK CITY	Entire area of Little Creek and upper portion of Little Creek Harbor. From headwaters of Little Cr. downstream to lower portion of Harbor @ RM 0.2. CBP segment CB8PH. DSS (ADMINISTRATIVE) condemnation # 068-017.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.00 SQUARE MILES TMDL Group II	Control of Street Control of Street	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unknown		
VAT-C08E_LCC02A06	Little Creek Harbor - Mouth	NORFOLK CITY	From approx. RM 0.2 downstream to mouth. CBP segment CB8PH. DSS (ADMINISTRATIVE) condemnation # 068-017.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 76068	2006 2014	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Previous IM (2004; VAT-C08E-09) @ DEQ CORE station 7-LCC000.19 Fish Consumption Partial support due to PCBs in 2 species fish tissue 1998. The previous TMDL due date of 2014 will be retained.
	Sources: Source Unknown		

DRAFT 6/28/2006 Page 1494 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County	*	Assessment Unit Description
Chesapeake Bay/At	tlantic/Small Coastal Basi	ns		
TMDL Watershed Name:		Chesapeake Ba	y and Tri	ibutaries
TMDL Group ID	76068			
VAT-C08E_LKN01A00	Linkhorn Bay	VIRGINIA BEACH (	CITY	Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.95 SQUARE MILE	ES TMDL Group ID First Listed on 303(d)	MDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources:	Source Unknown		
VAT-C08E_LNC01A00	Little Neck Creek	VIRGINIA BEACH (	CITY	Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.33 SQUARE MILE	ES TMDL Group ID First Listed on 303(d)	MDL Schedu	
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources:	Source Unknown		
VAT-C08E_LOB01A00	London Bridge Creek	VIRGINIA BEACH (	CITY	Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, WES01A00, LYN01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.05 SQUARE MILE	ES TMDL Group ID First Listed on 303(d)	MDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources:	Source Unknown		
VAT-C08E_LON01A00	Long Creek	VIRGINIA BEACH (	CITY	Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.27 SQUARE MILE	ES TMDL Group ID First Listed on 303(d)	MDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources:	Source Unknown		

DRAFT 6/28/2006 Page 1495 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/Atl	lantic/Small Coastal Basins			
TMDL Watershed Name:		Chesapeake Bay and Ti	ributaries	
TMDL Group ID:	76068			
VAT-C08E_LYN01A06	Lynnhaven River - Mainstem	VIRGINIA BEACH CITY	Tributary to shouth shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E_EBL01A00, _WES01A00). Effective 2003-12-11	
VA Overall AU Category: <b>5A</b> Use	Impairment 1.31 SQUARE MILES TMDL Group I	D First Listed on 303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.	
	Sources: Source Unknown	1	101 1 000 100000 12 1010 I	
VAT-C08E_THA01A02	Thalia Creek/Thurston Branch	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E EBL01A00, LYN01A00).	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MILES TMDL Group I	D First Listed on 303(d) TMDL Sched	_	
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.	
	Sources: Source Unknown	1		
VAT-C08E_WES01A06	Western Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00). Effective 2003-12-11.	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.28 SQUARE MILES TMDL Group I	D First Listed on 303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.	
	Sources: Source Unknown	1		
VAT-C08E_WES02A06	Western Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.40 SQUARE MILES TMDL Group I	D First Listed on 303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.	
	Sources: Source Unknown	1		

DRAFT 6/28/2006 Page 1496 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C08E\_WNC01A00 West Neck Creek (Upper) to London Bridge VIRGINIA BEACH CITY From Princess Anne Rd. crossing downstream to junction with London Creek Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: 5A Use **Impairment** 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory **PCB** in Fish Tissue 76068 2006 Fish Consumption for PCBs issued 12/13/04. Sources: Source Unknown VAT-C08E XBO01A00 Canal No. 2 VIRGINIA BEACH CITY Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: **Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown Unsegmented tidal tributaries in C09E-LYNPH VIRGINIA BEACH CITY Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting VAT-C08E ZZZ01A00 condemnation #071-025 A and C (balance in VAT-C08E EBL01A00, WES01A00, LYN01A00 & DEY01A00, LKN01A00 & CRY01A00). VA Overall AU Category: **Impairment** 1.63 SQUARE MILES TMDL Group ID First Listed on 303(d) Use TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown ACCOMACK CO Located southeast of Pitts Neck area. From estuarine/riverine transition VAT-C09E BLB01A06 **Bulbeggar Creek** (end of tidal waters) downstream to mouth (confluence with Pocomoke Sound). Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033. VA Overall AU Category: **Impairment** 0.12 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category **PCB** in Fish Tissue Fish Consumption 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

DRAFT 6/28/2006 Page 1497 of 2156

Sources: Source Unknown

**Assessment** 

Unit ID	Waterbody Name	City / Co	ounty*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins			
TMDL Watershed Name:		Chesapeak	e Bay and Ti	ributaries
TMDL Group ID:	76068			
VAT-C09E_POC01A06	Pocomoke River	ACCOMA	CK CO	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke Sound) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.21 SQUARE MILES	TMDL Group ID First Listed on 30	)3(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: So	ource Unknown		
VAT-C09E_PTT01A06	Pitts Creek	ACCOMA	CK CO	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke River) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.36 SQUARE MILES	TMDL Group ID First Listed on 30	03(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: So	ource Unknown		
VAT-C09E_ZZZ01A06	Unsegmented tidal tributaries in C09E-P	OCOH ACCOMA	CK CO	Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES	TMDL Group ID First Listed on 30	)3(d) TMDL Schedi	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Se	ource Unknown		
VAT-C09E_ZZZ02A06	Unsegmented Pocomoke Sound in POC	ACCOMA	СК СО	Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.74 SQUARE MILES	TMDL Group ID First Listed on 30	)3(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: So	ource Unknown		

DRAFT 6/28/2006 Page 1498 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name:		Chasanaaka F	Pay and T	ributarias
TNIDE Watershed Name.		Chesapeake E	say and Ti	ributaries
TMDL Group IE	76068			
VAT-C10E_BAG01A00	Bagwell Creek	ACCOMACK	CO	Northwest of Town of Justisville. Entirety of creek. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 077-138 C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.19 SQUARE MILES TMDL (	Group ID First Listed on 303(d)	TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	6068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source U	nknown		
VAT-C10E_DEP01A06	Deep Creek - Upper	ACCOMACK	CO	East of town of Bayside. Upper portion of creek, from end of tidal waters downstream to approx. RM 1.6. Portion of CBP segment CB7PH. DSS Shellfish condemnation # 077-138 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MILES TMDL (	Group ID First Listed on 303(d)	TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 7	6068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source U	nknown		
VAT-C10E_DEP02A06	Deep Creek - Lower	ACCOMACK	CO	East of town of Bayside. Lower portion of creek, from RM 1.6 downstream to mouth. Portion of CBP segment CB7PH. DSS (OPEN) Shellfish condemnation # 077-138.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.10 SQUARE MILES TMDL (	Group ID First Listed on 303(d)	TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 7	6068 2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source U	nknown		
VAT-C10E_GLF01A06	Guilford Creek - Upper	ACCOMACK	CO	Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 076-176 B.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.15 SQUARE MILES TMDL (	Group ID First Listed on 303(d)	TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 7	6068 2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source U	nknown		

DRAFT 6/28/2006 Page 1499 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	Atlantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay and	Tributaries
TMDL Group	ID: 76068		
VAT-C10E_GLF02A06	Guilford Creek - Lower	ACCOMACK CO	Northeast of Town of Guilford. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 076-176 B.
VA Overall AU Category: 5.		MDL Group ID First Listed on 303(d) TMDL Sch	edule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Sou	rce Unknown	
VAT-C10E_GSH01A06	Guard Shore Beach	ACCOMACK CO	In Old Cove (Beasley Bay). Located at Bailey Ridge, West of Bloxom. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: 5. Use		MDL Group ID First Listed on 303(d) TMDL Sch	edule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Sou	rce Unknown	
VAT-C10E_HLD01A06	Holdens Creek - Upper	ACCOMACK CO	Located southeast of Joeys Neck area. From estuarine/riverine transition (end of tidal waters) downstream to 0.5 mi downstream of station @ 7-HLD002.67. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.
VA Overall AU Category: 5.		MDL Group ID First Listed on 303(d) TMDL Sch	edule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Sou	rce Unknown	
VAT-C10E_HLD02A06	Holdens Creek - Lower	ACCOMACK CO	Located southeast of Joeys Neck area. From 0.5 mi downstream of station @ 7-HLD002.67 downstream to mouth. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.
VA Overall AU Category: 5. Use		MDL Group ID First Listed on 303(d) TMDL Sch	edule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Sou	rce Unknown	10. 1 000 100000 12/10/0T.

DRAFT 6/28/2006 Page 1500 of 2156

**Assessment** 

Unit ID		Waterbody Name		City / Cou	nty*	Assessment Unit Description
Chesapeake Bay	/Atlantic/	Small Coastal B	Basins			
TMDL Watershed Name:				Chesapeake	Bay and Tr	ributaries
TMDL Grou	ıp ID:	76068				
VAT-C10E_HUN01A00	Hunting	Creek - Upper		ACCOMAC	CO	West of Town of Hopkins. Upper portion of creek, from headwaters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS condemnation # 077-138 B.
VA Overall AU Category: Use	<b>5A</b> Impairm	ent 0.19 SQUAR	E MILES TMDL Group ID	First Listed on 303(	d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCE	3 in Fish Tissue	76068	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
		So	urces: Source Unknown			16. 1 GBC 166464 12. 16/01.
VAT-C10E_HUN02A06	Hunting	Creek - Lower		ACCOMAC	CO	West of Town of Hopkins. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 077-138.
VA Overall AU Category: Use	<b>5A</b> Impairm	ent 0.69 SQUAR	E MILES TMDL Group ID	First Listed on 303(	d) TMDL Schedi	, ,
Fish Consumption	PCE	3 in Fish Tissue	76068	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
		So	urces: Source Unknown			
VAT-C10E_ISB01A06	Island B	ay		ACCOMAC	CO	Between Russell Isl. & Long Ridge area. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.
VA Overall AU Category: Use	<b>5A</b> Impairm	ent 0.06 SQUAR	E MILES TMDL Group ID	First Listed on 303(	d) TMDL Schedi	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCE	3 in Fish Tissue	76068	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
		So	urces: Source Unknown			
VAT-C10E_MES01A06	Messon	go Creek - Upper		ACCOMAC	CO	Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi downstream of Rt 690 crossing. Portion of CBP segment POCMH. Upstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.
VA Overall AU Category: Use	<b>5A</b> Impairm	ent 0.01 SQUAR	E MILES TMDL Group ID	First Listed on 303(	d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCE	3 in Fish Tissue	76068	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
		So	urces: Source Unknown			

DRAFT 6/28/2006 Page 1501 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C10E\_MES02A06 Messongo Creek - Middle ACCOMACK CO Located southeast of Saxis, From 0.4 mi downstream of Rt 690 crossing. downstream to end of DSS condemnation near Town of Belinda. Portion of CBP segment POCMH. Downstream portion of DSS shellfish direct harvesting condemnation # 076-167 A. VA Overall AU Category: 5A Use **Impairment** 0.27 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory **PCB** in Fish Tissue 76068 2006 Fish Consumption for PCBs issued 12/13/04. Sources: Source Unknown Located southeast of Saxis. From end of DSS condemnation near Town of VAT-C10E MES03A06 Messongo Creek - Lower ACCOMACK CO Belinda downstream to the mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: **Impairment** 0.94 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown ACCOMACK CO Located Southeast of Bryds Marsh and northeast of Town of Bloxom on VAT-C10E MUD01A04 Muddy Creek - Upper Eastern Shore. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 076-176 A. VA Overall AU Category: **Impairment** 0.34 SQUARE MILES TMDL Group ID First Listed on 303(d) Use TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C10E MUD02A06 ACCOMACK CO Located Southeast of Bryds Marsh and northeast of Town of Bloxom. Lower Muddy Creek - Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: **Impairment** 0.32 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category **PCB** in Fish Tissue Fish Consumption 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

DRAFT 6/28/2006 Page 1502 of 2156

Sources: Source Unknown

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C10E\_STR01A06 Starling Creek - Upper ACCOMACK CO Northwest shore of Saxis Island area. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH, DSS shellfish condemnation # 075-118 A. VA Overall AU Category: 5A **Impairment** 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C10E\_STR02A06 Starling Creek - Lower ACCOMACK CO Located on Saxis Island, southwest of Pocomoke Sound. Embayment at town of Saxis. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: **Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown ACCOMACK CO Northeast of Town of Guilford. Upper portion of creek, from end of tidal VAT-C10E YOU01A06 Young Creek - Upper waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 076-176 C. VA Overall AU Category: **Impairment** 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) Use TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown ACCOMACK CO Northeast of Town of Guilford. Lower portion of creek, from end of DSS VAT-C10E YOU02A06 Young Creek - Lower condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 076-176 C. VA Overall AU Category: 5A Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown

DRAFT 6/28/2006 Page 1503 of 2156

**Assessment** 

**Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C10E\_ZZZ01A06 Unsegmented estuaries in C10E-CB7PH. ACCOMACK CO Evaluated non segmented portions of C10E not contained within VACB-**NORTHAMPTON CO** R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations. VA Overall AU Category: 5A **Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C10E\_ZZZ02A06 Unsegmented estuaries in C10E-POCMH. ACCOMACK CO Evaluated non segmented portions of C10E not contained within VACB-R01E-CB7S. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnations. VA Overall AU Category: 5A **Impairment** 3.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category 76068 The Fish Consumption Use is impaired based on the VDH fish consumption advisory Fish Consumption **PCB** in Fish Tissue 2006 2018 for PCBs issued 12/13/04. Sources: Source Unknown VAT-C10E ZZZ04A06 **Unsegmented embayments in C10E-POCOH** ACCOMACK CO Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033. VA Overall AU Category: 5A **Impairment** 1.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption 76068 2018 **PCB** in Fish Tissue 2006 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C10E ZZZ04B06 **Unsegmented embayments in C10E-POCOH** ACCOMACK CO Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: 5A **Impairment** 0.21 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

DRAFT 6/28/2006 Page 1504 of 2156

Sources: Source Unknown

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description			
Chesapeake Bay/A	Atlantic/Small Coastal Basins					
TMDL Watershed Name:		Chesapeake Bay and Tr	ibutaries			
TMDL Group	ID: 76068	76068				
VAT-C10E_ZZZ04C06	Unsegmented tributaries in C10E-POCOH	ACCOMACK CO	Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.			
VA Overall AU Category: 5,0 Use	A Impairment 0.00 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category			
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.			
	Sources: Source Unknown		IOI POBS ISSUED 12/13/04.			
VAT-C11E_CED01A00	Cedar Creek	ACCOMACK CO	Entire estuarine portion of creek. North shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation 080-013 B.			
VA Overall AU Category: 5,0 Use Fish Consumption	Impairment 0.06 SQUARE MILES TMDL Group II  PCB in Fish Tissue 76068	D First Listed on 303(d) TMDL Schedu 2006 2018	Impairment Specific Comments and/or Impairment Specific VA Category  The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.			
	Sources: Source Unknown		1011 ODS 1530EQ 12/10/04.			
VAT-C11E_CSX01A00	Chesconessex Creek - Upper	ACCOMACK CO	South of Chesconessex and northwest of Onancock. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 079-112.			
VA Overall AU Category: 5,0 Use	A Impairment 0.21 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category			
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.			
	Sources: Source Unknown					
VAT-C11E_CSX02A06	Chesconessex Creek - Lower	ACCOMACK CO	Lower portion of Chesconessex Creek, including unsegmented tidal tribs. & Back Cr., from the end DSS condemnation # 079-112 downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.			
VA Overall AU Category: 5,	A Impairment 3.11 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDI Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category			
Fish Consumption	PCB in Fish Tissue 76068	2006 2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.			
	Sources: Source Unknown		1011 050 100000 12 10/0 <del>1</del> .			

DRAFT 6/28/2006 Page 1505 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / Cou	nty*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basin	S		
TMDL Watershed Name:		Chesapeake	Bay and Tr	ributaries
TMDL Group ID	76068			
VAT-C11E_FNN01A00	Finneys Creek - Upper	ACCOMACK	CO	East of Bailey Neck area. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 080-013 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.05 SQUARE MILES	S TMDL Group ID First Listed on 303(	d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued $12/13/04$ .
	Sources: S	Source Unknown		
VAT-C11E_FNN02A00	Finneys Creek - Lower	ACCOMACK	CO	East of Bailey Neck area. South shore tributary of Onancock Creek. Lower portion of creek, from the end of DSS condemnation ## 080-013 A downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES	S TMDL Group ID First Listed on 303(	d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: S	Source Unknown		
VAT-C11E_LTH01A00	Leatherberry Creek	ACCOMACK	CO	Entire estuarine portion of creek. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-013C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES	S TMDL Group ID First Listed on 303(	d) TMDL Schedi	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: S	Source Unknown		
VAT-C11E_MTC01A06	Matchotank Creek - Upper	ACCOMACK	CO	South of Broadway Neck area. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 080-169 (Effective 2004-01-13).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.09 SQUARE MILES	S TMDL Group ID First Listed on 303(	d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: S	Source Unknown		

DRAFT 6/28/2006 Page 1506 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C11E\_MTC02A06 Matchotank Creek - Lower ACCOMACK CO Lower portion of Matchotank Creek, including unsegmented tidal tribs., from the end DSS condemnation # 080-169 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: 5A **Impairment** 0.12 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C11E\_OCB01A00 Central Branch, Onancock Creek ACCOMACK CO Located near Town of Onancock. Entire Central Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C. VA Overall AU Category: 5A **Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category The Fish Consumption Use is impaired based on the VDH fish consumption advisory Fish Consumption 76068 **PCB** in Fish Tissue 2006 2018 for PCBs issued 12/13/04. Sources: Source Unknown

VAT-C11E OCN01A04 **Onancock Creek - Upper** ACCOMACK CO Located near Town of Onancock. From junction of North, Central and South Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C. VA Overall AU Category: **Impairment** 0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C11E OCN02A04 **Onancock Creek Mainstem - Lower** ACCOMACK CO Located near Town of Onancock. From midway between Leatherberry and Cedar Creeks downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 080-013. VA Overall AU Category: 5A Impairment 1.92 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown

DRAFT 6/28/2006 Page 1507 of 2156

**Parkers Creek** 

5A

VAT-C11E\_PRK01A06

VA Overall AU Category:

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C11E\_ONB01A02 North Branch, Onancock Creek ACCOMACK CO Located near Town of Onancock, Entire North Branch, Onancock Creek, Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish direct harvesting condemnation 081-013 D. VA Overall AU Category: **Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C11E\_OSB01A02 South Branch, Onancock Creek ACCOMACK CO Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C. VA Overall AU Category: 5A **Impairment** 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category The Fish Consumption Use is impaired based on the VDH fish consumption advisory 76068 Fish Consumption **PCB** in Fish Tissue 2006 2018 for PCBs issued 12/13/04. Sources: Source Unknown

**Impairment** 0.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption 76068 2018 **PCB** in Fish Tissue 2006 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown **Tarkill Creek** ACCOMACK CO Located in Sluitkill Neck area. Portion of CBP segment CB7PH. No DSS VAT-C11E TAR01A06 shellfish direct harvesting condemnation. VA Overall AU Category: 5A **Impairment** 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

ACCOMACK CO

South shore tributary of Onancock Creek at Finneys Neck. Area around marina at mouth of Parkers Creek. Portion of CBP segment CB7PH. DSS

shellfish seasonal condemnation # 080-013 M1.

DRAFT 6/28/2006 Page 1508 of 2156

**Assessment** 

**Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C11E\_ZZZ01A00 Unsegmented estuaries in C11E. ACCOMACK CO Evaluated non segmented portions of C11E not contained within VACB-**NORTHAMPTON CO** R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations. VA Overall AU Category: 5A **Impairment** 0.24 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C12E\_PUN01A06 Pungoteague Creek - Upper ACCOMACK CO Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B. VA Overall AU Category: **Impairment** 0.29 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown **Pungoteague Creek - Lower** ACCOMACK CO Located west of Town of Melfa. Lower portion of Pungoteague Cr. from VAT-C12E PUN02A06 confluence with Taylor Creek (RM 2.4) downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 081-119. VA Overall AU Category: **Impairment** Use 1.35 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown ACCOMACK CO Located southwest of Harborton. From headwaters to confluence with **Taylor Creek** VAT-C12E TAY01A06 Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 C. VA Overall AU Category: **Impairment** 0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category **PCB** in Fish Tissue Fish Consumption 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown

DRAFT 6/28/2006 Page 1509 of 2156

Unsegmented estuaries in C12E.

PCB in Fish Tissue

VAT-C12E ZZZ01A00

VA Overall AU Category:

Use

Fish Consumption

DRAFT 6/28/2006

5A

**Impairment** 

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C12E\_UNR01A06 **Underhill Creek** ACCOMACK CO In area of Mount Nebo. North shore tributary to Pungoteague Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 081-119 A. Effective 2004-10-13. VA Overall AU Category: 5A **Impairment** 0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown Warehouse Prong - Upper VAT-C12E\_WRP01A06 ACCOMACK CO Located north of Bobtown and east of Boggs Wharf. Upper portion, from headwaters to confluence with UT. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish condemnation # 081-119D. VA Overall AU Category: 5A **Impairment** 0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category The Fish Consumption Use is impaired based on the VDH fish consumption advisory 76068 Fish Consumption **PCB** in Fish Tissue 2006 2018 for PCBs issued 12/13/04. Sources: Source Unknown VAT-C12E WRP02A06 Warehouse Prong - Lower ACCOMACK CO Located north of Bobtown and east of Boggs Wharf. Lower portion, from confluence with UT downstream to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B VA Overall AU Category: **Impairment** 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown

ACCOMACK CO

**NORTHAMPTON CO** 

2018

0.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

2006

76068

Sources: Source Unknown

Evaluated non segmented portions of C12E not contained within VACB-

Impairment Specific Comments and/or Impairment Specific VA Category

The Fish Consumption Use is impaired based on the VDH fish consumption advisory

Page 1510 of 2156

R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct

harvesting condemnations.

for PCBs issued 12/13/04.

**Assessment** 

**Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C13E\_CHC01A00 **Church Creek - Upper** NORTHAMPTON CO In area of Elliotts Neck. Tributary to Nassawadox Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-185. VA Overall AU Category: **Impairment** Use 0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown ACCOMACK CO North of Scarborough Neck area. Portion of CBP segment CB7PH. DSS VAT-C13E CRA01A06 Craddock Creek - Upper shellfish cendemnation # 083-195. VA Overall AU Category: Use **Impairment** 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C13E HGC01A06 **Holly Grove Cove NORTHAMPTON CO** Located near Wellington Neck. From end of tidal waters downstream to confluence with Nassawadox Cr. Portion of CBP segment CB7PH, DSS shellfish condemnation # 085-110C. VA Overall AU Category: 5A **Impairment** 0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown NORTHAMPTON CO VAT-C13E KLL01A06 **Kelley Cove** In Occohonnock Neck near James Wharf, trib, to upper Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 A. VA Overall AU Category: **Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown

DRAFT 6/28/2006 Page 1511 of 2156

**Assessment** 

TANOL Watershed Name: TANOL Group ID:  VAT-C13E_NAN01A00  VAT-C13E_NAN02A06  VAD-C13E_NAN02A06  VAD-C13E_NAN03A00  VAT-C13E_NAN03A00  VAT-C13E_NAN03A00  VAT-C13E_NAN03A00  VAT-C13E_NAN03A00  VAT-C13E_NAN03A00  VAT-C13E_NAN03A00  VAT-C13E_NAN03A00  VAT-C13E_NAN03A00  VAD-C13E_NAN03A00  VAD-C13E_NAN	Unit ID	Waterbody Name	City / Co	unty*	Assessment Unit Description
TAMOL Group ID.  TAMOL Group ID.  Nandua Creek - Uper	Chesapeake Bay/At	tlantic/Small Coastal Basins			
VAT-C13E_NAN01A00         Nandua Creek - Upper         Southeast of Hacks Neck area. The two most upstream branches of Nandua (approx. PM 4.5). Includes Klusian Cove. Portion of CBP segment CB7PH. DBS condemnation # 082-160 A.           VA Overall AU Category: Use Fish Consumption         5A Use PCB in Fish Tissue         0.15 SQUARE MILES TMDL Group ID First Listed on 303(d) PMDL Schedule Substan Cove condemnation # 082-160 A.         Impairment Specific Comments and/or Impairment Specific VA Category Top PCB is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.           VAT-C13E_NAN02A06         Nandua Creek - Use Source Unknown         ACCOMACK CD Sources Source Unknown         Lower portion of Nandua Creek including unsegmented tidal tribs. from the confluence of Klusian Cove downstream to mouth (RM 0.0) Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.           VA Overall AU Category: Use Fish Consumption         5A Impairment Specific VA Category Sources Source Unknown         First Listed on 303(d) TMDL Schedule Sources Source Unknown         Impairment Specific Comments and/or Impairment Specific VA Category Confluence of Klusian Cove downstream to mouth (RM 0.0) Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation of PCB2 segment CB7PH. No DSS shellfish direct harvesting condemnation of PCB2 segment CB7PH. DSS shellfish direct harvesting condemnation of PCB2 segment CB7PH. DSS shellfish direct harvesting segment CB7PH. DSS shellfish direct harvest	TMDL Watershed Name:		Chesapeak	e Bay and Ti	ributaries
NA Overall AU Category: Use Fish Consumption  Name and Category: Fish Consumption  Name and Category: Fish Consumption  Name and Name and Management downstream to area of Nandual (approx. RM d.5.). Industreal to 4.5. Impairment Specific VA Category PCB in Fish Tissue  Name and Nam	TMDL Group ID	76068			
Impairment   O.15   SQUARE MILES   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   Impairment Specific Comments and/or Impairment Specific VA Category   Fish Consumption   PCB in Fish Tissue   Sources   Source Unknown    VAT-C13E_NAN02A06   Nandua Creek - Lower   ACCOMACK Comments and for Impairment Specific VA Category   Lower portion of Nandua Creek including unsegmented tidal tribs., from the confluence of Kusian Cove downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.  VA Overall AU Category:   SA Use   Use   PCB in Fish Tissue   Source Unknown   Sources   Source Unknown    VAT-C13E_NAN03A00   Nandua Creek - McLean Gut   Sources   Source Unknown   ACCOMACK Comments and for Impairment Specific VA Category   The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.  VAT-C13E_NAN03A00   Nandua Creek - McLean Gut   Sources   Source Unknown   ACCOMACK Comments and for Impairment Specific VA Category   The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.  VA Overall AU Category:   SA Use   Impairment Specific VA Category   The Fish Consumption Use is impaired based on the VDH fish consumption # 082-160   C.  VAT-C13E_NS01A06   Nassawadox Creek - Upper   NoS SQUARE MILES   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   Impairment Specific Comments and/or Impairment Specific VA Category   The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.  VAT-C13E_NS01A06   Nassawadox Creek - Upper   NoS SQUARE MILES   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   Impairment Specific Comments and/or Impairment Specific VA Category   The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.  VA Overall AU Category:   SA Use   NoRTHAMPTON Computer   NoRTHAMPTON Computer   NoRTHAMPTON Computer   NoRTHAMPTON Computer   NoRTHAMPTON Computer   NoRTH	VAT-C13E_NAN01A00	Nandua Creek - Upper	ACCOMA	CK CO	Nandua Creek and mainstem downstream to area of Nandua (approx. RM 4.5). Includes Kusian Cove. Portion of CBP segment CB7PH. DSS
Fish Consumption  PCB in Fish Tissue  ACCOMACK  ACCOMACK  Configure of Kusian Cove downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation (RM 0.0). Portion of CBP segment CB7PH. DSS shellfish first consumption dusies impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.  VAT-C13E_NAN02A06  VA Overall AU Category: Fish Consumption  VAT-C13E_NAN03A00  VAT-C		Impairment 0.15 SQUARE MILES	TMDL Group ID First Listed on 30	3(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
VAT-C13E_NAN02A06 VAT-C13E_NAN02A06 VAT-C13E_NAN02A06 VAT-C13E_NAN03A00 VAT-C13E_NAN03A000 V	Fish Consumption				The Fish Consumption Use is impaired based on the VDH fish consumption advisory
VA Overall AU Category: Use Fish Consumption  PCB in Fish Tisue  Nandua Creek - McLean Gut Sources: Source Inknown  VAT-C13E_NAN03A00  VAT-C13E_NA		Sources: So	ource Unknown		
Impairment   3.83   SQUARE MILES   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   Impairment Specific Comments and/or Impairment Specific VA Category   The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.    VAT-C13E_NAN03A00   VAT-C13E_NAN03A00   VAT-C13E_NAN03A00   TMDL Category: Use   VAT-C13E_NAN03A00   VAT-C13E_NAN03A00   VAT-C13E_NAN03A00   TMDL Category: Use   VAT-C13E_NAN03A00   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Group ID   TMDL Schedule   TMDL Group ID   First Listed on 303(d)   TMDL Schedule   TMDL Schedule   TMDL Group ID	VAT-C13E_NAN02A06	Nandua Creek - Lower	ACCOMA	CK CO	confluence of Kusian Cove downstream to mouth (RM 0.0). Portion of CBP
VAT-C13E_NAN03A00 VAT-C13E_NAN03A00 VAT-C13E_NAN03A00 VA Overall AU Category: Fish Consumption VAT-C13E_NSS01A06 VAT-C13		Impairment 3.83 SQUARE MILES	TMDL Group ID First Listed on 30	3(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
VAT-C13E_NAN03A00 VA Overall AU Category: Use Fish Consumption VAT-C13E_NSS01A06 VA Overall AU Category: Use VAT-C13E_NSS01A06 VA Overall AU Category: Use Fish Consumption PCB in Fish Tissue  0.05 SQUARE MILES TMDL Group ID 76068 2006 2018  NORTHAMPTON CO From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS  NASsawadox Cret- Upper  NORTHAMPTON CO From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS  NASsawadox Free Square Square Miles TMDL Group ID First Listed on 303(d) TMDL Schedule Fish Consumption  NORTHAMPTON CO From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS  NASsawadox Free Square Miles TMDL Group ID First Listed on 303(d) TMDL Schedule Fish Consumption  PCB in Fish Tissue  76068 7606	Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	
VA Overall AU Category: Use Fish Consumption  VAT-C13E_NSS01A06  VA Overall AU Category: Use  This is the consumption Use is impaired based on the VDH fish consumption advisory  This is used 12/13/04.		Sources: So	ource Unknown		
Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.  VAT-C13E_NSS01A06 Nassawadox Creek - Upper NORTHAMPTON CO From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS condemnation # 085-110 B.  VA Overall AU Category: Use Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.	VAT-C13E_NAN03A00	Nandua Creek - McLean Gut	ACCOMA	CK CO	Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 082-
VAT-C13E_NSS01A06  VAT-C13E_NSS01A06  VAT-C13E_NSS01A06  Nassawadox Creek - Upper  NORTHAMPTON CO  From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS condemnation # 085-110 B.  VA Overall AU Category: Use  Impairment  0.15 SQUARE MILES TMDL Group ID  First Listed on 303(d)  TMDL Schedule  Impairment Specific Comments and/or Impairment Specific VA Category  PCB in Fish Tissue  76068  2006  2018  The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.	3 ,	Impairment 0.05 SQUARE MILES	TMDL Group ID First Listed on 30	3(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
VAT-C13E_NSS01A06  VAT-C13E_NSS01A06  VA Overall AU Category: Use  Impairment  O.15 SQUARE MILES TMDL Group ID  First Listed on 303(d)  TMDL Schedule  Impairment Specific Comments and/or Impairment Specific VA Category  Fish Consumption  PCB in Fish Tissue  Total Category  From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS c	Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	
confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS condemnation # 085-110 B.  VA Overall AU Category: Use  Impairment  0.15 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule  Impairment Specific Comments and/or Impairment Specific VA Category  PCB in Fish Tissue  76068  2006  2018  The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		Sources: So	ource Unknown		
Use Impairment 0.15 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.	VAT-C13E_NSS01A06	Nassawadox Creek - Upper	NORTHAMP	TON CO	confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS
Fish Consumption PCB in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		Impairment 0.15 SQUARE MILES	TMDL Group ID First Listed on 30	3(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
	Fish Consumption				The Fish Consumption Use is impaired based on the VDH fish consumption advisory
		Sources: So	ource Unknown		

DRAFT 6/28/2006 Page 1512 of 2156

Assessment Unit ID	Waterbody Name	City / C	ounty*	Assessment Unit Description		
Chesapeake Bay/At	Chesapeake Bay/Atlantic/Small Coastal Basins					
TMDL Watershed Name:	TMDL Watershed Name: Chesapeake Bay and Tributaries					
TMDL Group ID:	76068					
VAT-C13E_NSS02A06	Nassawadox Creek - Lower	NORTHAN	PTON CO	From approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2) downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.		
VA Overall AU Category: <b>5A</b> Use	Impairment 3.83 SQUARE MILES	TMDL Group ID First Listed on 3	303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		
	Sources: So	urce Unknown				
VAT-C13E_OCH01A06	Occohannock Creek - Upper	ACCOM. NORTHAN		Upper portion of Occohannock Creek and tidal tribs., from end of tidal waters downstream to the confluence of Wescott Cove (RM 5.3). Portion of CBP segment CB7PH. DSS condemnation # 084-043A.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.51 SQUARE MILES	TMDL Group ID First Listed on 3	803(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		
	Sources: So	urce Unknown				
VAT-C13E_OCH02A06	Occohannock Creek - Lower	ACCOM. NORTHAN		Lower portion of Occohannock Creek including tidal tribs., from the confluence of Wescott Cove (RM 5.3) downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.		
VA Overall AU Category: <b>5A</b> Use	Impairment 2.84 SQUARE MILES	TMDL Group ID First Listed on 3	303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		
	Sources: So	urce Unknown				
VAT-C13E_WHC01A06	Warehouse Creek - Upper	NORTHAM	PTON CO	Southeast fork of upper portion of creek. Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 085-110 E (VPDES outfall condemnation for Shore Mem. Hospital STP VA0027537).		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.03 SQUARE MILES	TMDL Group ID First Listed on 3	803(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		
	Sources: So	urce Unknown		10/1 050 133ded 12/10/04.		

DRAFT 6/28/2006 Page 1513 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/A	tlantic/Small Coastal Basins				
TMDL Watershed Name:	Chesapeake Bay and Tributaries				
TMDL Group IE	D: 76068				
VAT-C13E_WHC02A06	Warehouse Creek - Middle NORTHA	MPTON CO  Including northern fork and continuing downstream to bend near Wellington Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 D.			
VA Overall AU Category: <b>5A</b> Use	Impairment 0.15 SQUARE MILES TMDL Group ID First Listed or	a 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category			
Fish Consumption	PCB in Fish Tissue         76068         2006	2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.			
	Sources: Source Unknown				
VAT-C13E_WHC03A06	Warehouse Creek - Lower NORTHA	MPTON CO  From bend near Wellington Neck downstream to mouth (confluence with Nassawadox Creek). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.			
VA Overall AU Category: <b>5A</b> Use	Impairment 0.20 SQUARE MILES TMDL Group ID First Listed or	a 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category			
Fish Consumption	PCB in Fish Tissue 76068 2006	2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.			
	Sources: Source Unknown				
VAT-C13E_ZZZ01A00	<b>9</b>	MACK CO Evaluated non segmented portions of C13E. Portion of CBP segment CB7PH. No DSS shellfish condemnations.			
VA Overall AU Category: <b>5A</b> Use	Impairment 2.28 SQUARE MILES TMDL Group ID First Listed or	a 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category			
Fish Consumption	PCB in Fish Tissue         76068         2006	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.			
	Sources: Source Unknown				
VAT-C14E_BRL01A06	Barlow Creek - Upper NORTHA	MPTON CO In area of Old Town Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136D.			
VA Overall AU Category: <b>5A</b> Use	Impairment 0.04 SQUARE MILES TMDL Group ID First Listed or	a 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category			
Fish Consumption	PCB in Fish Tissue         76068         2006	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.			
	Sources: Source Unknown	13.1 OBS 133000 12/10/04.			

DRAFT 6/28/2006 Page 1514 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County	<b>/*</b>	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins			
TMDL Watershed Name:		Chesapeake B	ay and Tri	butaries
TMDL Group ID:	76068			
VAT-C14E_HUG01A00	Hungars Creek - Upper	NORTHAMPTON	СО	Upper portion of Hungars Creek from end tidal waters downstream to Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.22 SQUARE MILES TMI	DL Group ID First Listed on 303(d)	TMDL Schedul	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source	e Unknown		15/1 550 160660 12/10/01:
VAT-C14E_HUG02A00	Hungars Creek - Lower	NORTHAMPTON	СО	Lower portion of Hungars Creek from Waterford Point (RM 1.8) @ confluence with Jacobus Cr. downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.19 SQUARE MILES TMI	DL Group ID First Listed on 303(d)	TMDL Schedul	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source	e Unknown		
VAT-C14E_JAC01A06	Jacobus Creek - Upper South Fork	NORTHAMPTON	СО	West of Johnsontown. Trib to Hungars Cr. Uppermost portion of south branch. Portion of CBP segment CB7PH. DSS Administrative Prohibition # 086-136 E - STP VA0023817 Outfall.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.03 SQUARE MILES TMI	DL Group ID First Listed on 303(d)	TMDL Schedul	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source	e Unknown		15/1 550 160664 12/10/01:
VAT-C14E_JAC02A06	Jacobus Creek - Middle and Forks	NORTHAMPTON	СО	West of Johnsontown. Trib to Hungars Cr. Middle mainstem, north fork and lower portion of south fork. Portion of CBP segment CB7PH. DSS direct shellfish harvesting condemnation # 086-136 B.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.29 SQUARE MILES TMI	DL Group ID First Listed on 303(d)	TMDL Schedul	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source	e Unknown		

DRAFT 6/28/2006 Page 1515 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Chesapeake Bay and Tri	butaries
TMDL Group IE	76068		
VAT-C14E_JAC03A06	Jacobus Creek - Lower	NORTHAMPTON CO	West of Johnsontown. Trib to Hungars Cr. Lower mainstem portion. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.00 SQUARE MILES TMDL Gro	oup ID First Listed on 303(d) TMDL Schedule	
Fish Consumption	PCB in Fish Tissue 760	68 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unk	nown	
VAT-C14E_MAT01A06	Mattawoman Creek - Upper	NORTHAMPTON CO	South of Wilsonia Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136 C.
VA Overall AU Category: <b>5A</b> Use		oup ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 760		The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unk	nown	
VAT-C14E_THG01A06	The Gulf - Upper	NORTHAMPTON CO	From end of tidal waters downstream to narrowing 0.45 mi. from mouth. Portion of CBP segment CB7PH. DSS shellfish condemnation # 087-174.
VA Overall AU Category: <b>5A</b> Use		oup ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 760	68 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unk	nown	
VAT-C14E_THG02A06	The Gulf - Lower	NORTHAMPTON CO	From narrowing (end of upstream DSS condemnation) downstream to mouth. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.
VA Overall AU Category: <b>5A</b> Use		oup ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 760	68 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unk	nown	
VAT-C14E_WHS01A06	Westerhouse Creek - North Branch (Part A)	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 A.
VA Overall AU Category: <b>5A</b> Use		oup ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 760	68 <b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.
	Sources: Source Unk	nown	

Page 1516 of 2156 DRAFT 6/28/2006

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description				
Chesapeake Bay/A	Itlantic/Small Coastal Basins						
TMDL Watershed Name:		Chesapeake Bay and Tributaries					
TMDL Group I	76068						
VAT-C14E_WHS02A06	Westerhouse Creek - South Branch (Part B)	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 B.				
VA Overall AU Category: 54 Use	Impairment 0.05 SQUARE MILES TMDL G	roup ID First Listed on 303(d) TMDL Sche					
Fish Consumption	PCB in Fish Tissue 76	<b>2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.				
	Sources: Source Un	known					
VAT-C14E_WHS03A06	Westerhouse Creek - Lower	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.				
VA Overall AU Category: <b>5</b> A Use		roup ID First Listed on 303(d) TMDL Sche	edule Impairment Specific Comments and/or Impairment Specific VA Category				
Fish Consumption	PCB in Fish Tissue 76	<b>2006 2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.				
	Sources: Source Un	known					
VAT-C14E_ZZZ01A00	Unsegmented estuaries in C14E.	NORTHAMPTON CO	Evaluated non segmented portions of C14E. Portion of CBP segment CB7PH. No DSS shellfish condemnations.				
VA Overall AU Category: <b>5</b> A Use		roup ID First Listed on 303(d) TMDL Sche	edule Impairment Specific Comments and/or Impairment Specific VA Category				
Fish Consumption	PCB in Fish Tissue 76	<b>2006 2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.				
	Sources: Source Un	known	10.1 050 10000 12.10/0 i.				
VAT-C15E_CCB01A06	Cape Charles Beach	NORTHAMPTON CO	Located west of Town of Cape Charles, along Chesapeake Bay. Portion of CBP segment CB7PH. No DSS condemnation.				
VA Overall AU Category: <b>5.</b> Use		roup ID First Listed on 303(d) TMDL Sche	edule Impairment Specific Comments and/or Impairment Specific VA Category				
Fish Consumption	PCB in Fish Tissue 76	<b>2006 2006 2018</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.				
	Sources: Source Un	known					

DRAFT 6/28/2006 Page 1517 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C15E\_CRS01A06 **Cherrystone Inlet - Upper** NORTHAMPTON CO Upper northern branch 1/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Including Old Castle Cr. Portion of CBP segment CB7PH, DSS condemnation # 088-139A. VA Overall AU Category: 5A **Impairment** 0.30 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C15E\_CRS02A06 **Cherrystone Inlet - Lower** NORTHAMPTON CO Lower 4/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Portion of CBP segment CB7PH. No DSS direct harvesting shellfish condemnation. VA Overall AU Category: 5A **Impairment** 2.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category 76068 The Fish Consumption Use is impaired based on the VDH fish consumption advisory Fish Consumption **PCB** in Fish Tissue 2006 2018 for PCBs issued 12/13/04. Sources: Source Unknown VAT-C15E\_KNS01A00 Kings Creek - Upper Forks NORTHAMPTON CO From end of tidal waters downstream to confluence of the two most upstream forks. Portion of CBP segment CB7PH. DSS condemnation # 088-139B. VA Overall AU Category: 5A **Impairment** 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption 76068 2018 **PCB** in Fish Tissue 2006 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown VAT-C15E KNS02A00 Kings Creek - Lower NORTHAMPTON CO From confluence of the two most upstream forks downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation. VA Overall AU Category: 5A **Impairment** 0.27 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory

DRAFT 6/28/2006 Page 1518 of 2156

Sources: Source Unknown

for PCBs issued 12/13/04.

**Assessment** 

Unit ID	Waterbody Name	City / County	<b>/</b> *	Assessment Unit Description		
Chesapeake Bay/At	lantic/Small Coastal Basins					
TMDL Watershed Name:	Chesapeake Bay and Tributaries					
TMDL Group ID:	76068					
VAT-C16E_CCH01A04	Cape Charles Harbor - Upper	NORTHAMPTON	CO	From most upstream end of harbor downstream to 1/2 distance to mouth (RM 0.23). Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 089-011A (VPDES outfall condemnation for Cape Charles STP VA0021288).		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.06 SQUARE MILES 1	MDL Group ID First Listed on 303(d)	TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue	76068 2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		
	Sources: Sou	irce Unknown				
VAT-C16E_CCH02A00	Cape Charles Harbor - Lower	NORTHAMPTON	СО	From 1/2 distance to mouth (RM 0.23) downstream to confluence with the Chesapeake Bay (RM 0.0). Portion of CBP segment CB7PH. Portion of DSS ADMINISTRATIVE condemnation # 089-011B ( VPDES outfall condemnation for Cape Charles STP VA0021288).		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.05 SQUARE MILES 7	TMDL Group ID First Listed on 303(d)	TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		
	Sources: Sou	ırce Unknown				
VAT-C16E_KPT01A06	Kiptopeke Beach	NORTHAMPTON	СО	Located west of Cedar Grove, along Chesapeake Bay, near southern tip of Eastern Shore. Portion of CBP segment CB7PH. No DSS condemnations.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.44 SQUARE MILES 1	MDL Group ID First Listed on 303(d)	TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		
	Sources: Sou	urce Unknown				
VAT-C16E_OPC01A06	Old Plantation Creek - Upper	NORTHAMPTON	СО	From end of tidal waters downstream to narrows at approx. RM 2.0. Portion of CBP segment CB7PH. DSS shellfish condemnation # 090-152.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.11 SQUARE MILES 1	TMDL Group ID First Listed on 303(d)	TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue	76068 <b>2006</b>	2018	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.		
	Sources: Sou	urce Unknown				

DRAFT 6/28/2006 Page 1519 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 76068 VAT-C16E\_OPC02A00 **Old Plantation Creek - Lower** NORTHAMPTON CO From narrows at RM 2.0 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation. VA Overall AU Category: **Impairment** 1.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown NORTHAMPTON CO Evaluated non-segmented estuarine portions of C16. Portion of CBP VAT-C16E ZZZ01A00 **Unsegmented estuaries in C16E** segment CB7PH. No DSS condemnations. VA Overall AU Category: **Impairment** 0.80 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 76068 2006 2018 The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Sources: Source Unknown TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments TMDL Group ID: 10115 **Doctors Creek** MATHEWS CO VAP-C04E DOC01A98 Described in the condemnation notice 039-026B, 3/18/2004. CB6PH VA Overall AU Category: **Impairment** Use 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Aquatic Life Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria. Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) Open-Water Aquatic 10115 Oxygen, Dissolved 2006 2010 VAP-C04E-21 Life During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

DRAFT 6/28/2006 Page 1520 of 2156

Sources: Agriculture

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Chesapeake Bay Polyhaline Embayments** 

TMDL Group ID:

10115

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_DOC02A02 **Doctors Creek** MATHEWS CO Doctors Creek downstream of VDH-DSS SFC 026B.

CB6PH

5A VA Overall AU Category:

Use

**Impairment** 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

10115 Aquatic Life Oxygen, Dissolved 2006 2010 VAP-C04E-21

> During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic 10115 Oxygen, Dissolved 2006 2010 VAP-C04E-21

Life

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1521 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10115

VAP-C04E\_DYE02A04 Dyer Creek MATHEWS CO Tidal limit to mouth

2006: Segment merged with DYE01A98

CB6PH

VA Overall AU Category: 54

Use Impairment 0.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

Life

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_GDN01A06 Garden Creek MATHEWS CO Tidal limit to mouth

CB6PH

VA Overall AU Category: **5A** 

Use Impairment 0.58 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1522 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake.	Bay/Atlar	ıtic/Small	Coastal	<b>Basins</b>
--	-------------	-----------	------------	---------	---------------

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID:

10115

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Sources Outside State Juristiction of Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

10115

2006

2010

VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_HAH01A98 Horn Harbor MATHEWS CO Described in the condemnation notice 039-026A, 3/18/2004.

Segment shortened in 2006

CB6PH

VA Overall AU Category: 5

all AU Category: 5A
Use

Impairment

0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

edule Im

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 10115 **2006 2010** VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved Life

ssolved

10115 **2006 2010** VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

CB0 Folyhaline falled the open water summer dissolved oxygen chi

Sources: Agriculture

DRAFT 6/28/2006 Page 1523 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

**Chesapeake Bay Polyhaline Embayments** TMDL Watershed Name:

TMDL Group ID:

10115

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_HAH02A02 **Horn Harbor** MATHEWS CO From SFC 26A downstream to the mouth, unless otherwise segmented.

CB5PH

5A VA Overall AU Category:

**Impairment** Use

1.56 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

10115 Aquatic Life Oxygen, Dissolved 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic 10115 Oxygen, Dissolved 2006 2010 VAP-C04E-21

Life

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1524 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10115

VAP-C04E\_HAH03A06 **Horn Harbor** MATHEWS CO Described in VDH-DSS SFC 039-026M1, 3/18/2004

CB5PH

VA Overall AU Category:

**Impairment** 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use

Aquatic Life Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

> During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic 10115

Oxygen, Dissolved 2006 2010 VAP-C04E-21 Life

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

MATHEWS CO VAP-C04E HAH04A06 **Horn Harbor** Described in VDH Shellfish Condemnation 039-M97, 4/13/1989

CB5PH

VA Overall AU Category:

**Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

> During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1525 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small	Coastal I	Basins
-------------------------------	-----------	--------

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments** 

TMDL Group ID:

10115

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

10115

2006

VAP-C04E-21 2010

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E WIN01A06 Winter Harbor MATHEWS CO Described in the condemnation notice 038-178A, 4/29/2004.

CB6PH

VA Overall AU Category: 5A

Use

Impairment

0.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria during the

2006 cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

10115

2006

2010

VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1526 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small	Coastal Bas	ins
-------------------------------	-------------	-----

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID:

10115

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_WIN01B00 Winter Harbor MATHEWS CO Waters within a 1/2 mile radius of monitoring station 7-WIN000.88, not

otherwise segmented.

CB6PH

VA Overall AU Category: 5.

Use Impairment

Impairment 0.35 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

Life
During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1527 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10115

VAP-C04E\_WIN02B06 Winter Harbor MATHEWS CO Described in VDH-DSS SFC 038-178M1, 4/29/2004

CB6PH

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

Life

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E WIN03A06 Winter Harbor MATHEWS CO Northern portion of Winter Harbor

CB6PH

VA Overall AU Category: 5A

Use Impairment 1.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 10115 **2006 2010** VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1528 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID:

10115

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

10115

2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E ZZZ02A06 **Unsegmented estuaries in C04** MATHEWS CO Unsegmented portion within CB6PH

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

0.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Oxygen, Dissolved 10115 2006 2010 VAP-C04E-21

> During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Impairment Specific Comments and/or Impairment Specific VA Category

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

10115

2006

2010

VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1529 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basin
---

**Chesapeake Bay Polyhaline Embayments** TMDL Watershed Name:

TMDL Group ID:

10115

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID: 10116

VAP-C04E DOC01A98 **Doctors Creek MATHEWS CO** Described in the condemnation notice 039-026B, 3/18/2004.

CB6PH

VA Overall AU Category: 5A

Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10116

2006

2010

VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1530 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_DOC02A02 Doctors Creek downstream of VDH-DSS SFC 026B.

CB6PH

VA Overall AU Category: 5A

Use Impairment 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006

10116 **2006 2010** VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1531 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesa	peake	Bay/	Atlant	tic/Sm	all Co	pastal	Basins

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_DYE02A04 Dyer Creek MATHEWS CO Tidal limit to mouth

2006: Segment merged with DYE01A98

CB6PH

VA Overall AU Category: 54

Use Impairment 0.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006 2010

Sources: Agriculture
Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1532 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins

**Chesapeake Bay Polyhaline Embayments** TMDL Watershed Name:

TMDL Group ID: 10116

VAP-C04E\_GDN01A06 **Garden Creek MATHEWS CO** Tidal limit to mouth

CB6PH

VA Overall AU Category:

**Impairment** 0.58 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1533 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesa	peake	Bay/	Atlant	tic/Sm	all Co	pastal	Basins

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_HAH01A98 Horn Harbor MATHEWS CO Described in the condemnation notice 039-026A, 3/18/2004.

Segment shortened in 2006

CB6PH

VA Overall AU Category: 5A

Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-2

Sources: Agriculture

Atmospheric Deposition - Nitrogen Clean Sediments

Industrial Point Source Discharge

Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1534 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesa	peake	Bay/	Atlant	tic/Sm	all Co	pastal	Basins

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_HAH02A02 Horn Harbor MATHEWS CO From SFC 26A downstream to the mouth, unless otherwise segmented.

CB5PH

VA Overall AU Category: 5A

Use Impairment 1.56 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10116

2006

2010

VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1535 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_HAH03A06 Horn Harbor MATHEWS CO Described in VDH-DSS SFC 039-026M1, 3/18/2004

CB5PH

VA Overall AU Category: 5A

Use Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1536 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_HAH04A06 Horn Harbor MATHEWS CO Described in VDH Shellfish Condemnation 039-M97, 4/13/1989

CB5PH

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1537 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_WIN01A06 Winter Harbor MATHEWS CO Described in the condemnation notice 038-178A, 4/29/2004.

CB6PH

VA Overall AU Category: 5A

Use Impairment 0.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards during the 2006 cycle.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

D. day 11- 0000

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1538 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_WIN01B00 Winter Harbor MATHEWS CO Waters within a 1/2 mile radius of monitoring station 7-WIN000.88, not

otherwise segmented.

CB6PH

VA Overall AU Category: 5A

Use Impairment 0.35 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006

116 **2006 2010** VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1539 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesa	peake	Bay/	Atlant	tic/Sm	all Co	pastal	Basins

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_WIN02B06 Winter Harbor MATHEWS CO Described in VDH-DSS SFC 038-178M1, 4/29/2004

CB6PH

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 20

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1540 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_WIN03A06 Winter Harbor MATHEWS CO Northern portion of Winter Harbor

CB6PH

VA Overall AU Category: 5A

Use Impairment 1.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

D. d. . th. . 000

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1541 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Chesapeake Bay Polyhaline Embayments

TMDL Group ID: 10116

VAP-C04E\_ZZZ02A06 Unsegmented estuaries in C04 MATHEWS CO Unsegmented portion within CB6PH

VA Overall AU Category: 5A

Use Impairment 0.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted

CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10116 2006 2010 VAP-C04E-21

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1542 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Chesapeake Creek, Unnamed Tributary TMDL Watershed Name: TMDL Group ID: 00975 VAP-C01E\_XDL01A02 Chesapeake Bay, UT NORTHUMBERLAND CO As described in condemnation notice 011-190, 2/18/2004. CB5MH. Size adjusted in 2006 cycle. VA Overall AU Category: **Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00975 2002 2014 00975 (SF) VAP-C01E-21 VDH-DSS condemnation notice 011-190, 2/18/2004 Sources: Source Unknown TMDL Watershed Name: **Chesconessex Creek - Upper** TMDL Group ID: 01760 VAT-C11E CSX01A00 Chesconessex Creek - Upper ACCOMACK CO South of Chesconessex and northwest of Onancock. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 079-112. VA Overall AU Category: Use **Impairment** 0.21 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category **Fecal Coliform** 01760 1998 Shellfishing 2010 DSS shellfish conedmnation # 079-112. Sources: Source Unknown TMDL Watershed Name: **Chisman Creek** TMDL Group ID: 76002 VAT-C07E\_CHS01A06 Chisman Creek-Upper & Goose Cr From end of tidal waters (upper 2/3 of creek), downstream to area of POQUOSON CITY CITY Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS condemnation # 053-137A. VA Overall AU Category: Impairment 0.51 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Recreation Enterococcus 76002 2006 2018 The Recreation Use is impaired (2 violates / 13 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria. Sources: Source Unknown

DRAFT 6/28/2006 Page 1543 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Chesapeake Bay/Atlantic/Small Coastal Basins					
TMDL Watershed Name:		Chisman Creek	•		
TMDL Group ID:	76002				
VAT-C07E_CHS02A06	Chisman Creek-Lower North Shore (Marina)	POQUOSON CITY CITY	North shore of creek, area of Cheeseman. Contains DSS seasonal condemnation # 053-137 M2. CBP Segment MOBPH.		
VA Overall AU Category: <b>5A</b> Use Recreation	Impairment 0.09 SQUARE MILES TMDL Group  Enterococcus 76002  Sources: Source Unknown	ID First Listed on 303(d) TMDL Schedo 2006 2018	ule Impairment Specific Comments and/or Impairment Specific VA Category  The Recreation Use is impaired ( 2 violates / 13 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.		
VAT-C07E_CHS02B06	Chisman Creek - Lower	POQUOSON CITY CITY	Lower 1/3 of creek, downstream from area of Evergreen Shores (RM 0.9) to mouth. CBP Segment MOBPH. DSS (OPEN) condemnation # 053-137.		
VA Overall AU Category: <b>5A</b> Use Recreation	Impairment 0.64 SQUARE MILES TMDL Group  Enterococcus 76002  Sources: Source Unknown	ID First Listed on 303(d) TMDL Schedo 2006 2018	ule Impairment Specific Comments and/or Impairment Specific VA Category  The Recreation Use is impaired ( 2 violates / 13 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.		
TMDL Watershed Name:		Chisman Creek, Lo	ower		
TMDL Group ID: VAT-C07E_CHS01A06	01209 Chisman Creek-Upper & Goose Cr	POQUOSON CITY CITY	From end of tidal waters (upper 2/3 of creek), downstream to area of Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS condemnation # 053-137A.		
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.51 SQUARE MILES TMDL Group Fecal Coliform 01209 Sources: Source Unknown	ID First Listed on 303(d) TMDL Schedu 2004 2010	ule Impairment Specific Comments and/or Impairment Specific VA Category		
TMDL Watershed Name:	Church Creek - Upper				
TMDL Group ID:	00409				
VAT-C13E_CHC01A00	Church Creek - Upper	NORTHAMPTON CO	In area of Elliotts Neck.Tributary to Nassawadox Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-185.		
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.09 SQUARE MILES TMDL Group  Fecal Coliform 00409  Sources: Source Unknown	ID First Listed on 303(d) TMDL Schedo <b>1998 2010</b>	ule Impairment Specific Comments and/or Impairment Specific VA Category  DSS shellfish condemnation # 085-185.		

DRAFT 6/28/2006 Page 1544 of 2156

Assessment
Unit ID

Waterbody Name

City / County\*

Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Cloverdale Creek

TMDL Group ID: 00950

VAP-C01E\_CLE01A98 Cloverdale Creek NORTHUMBERLAND CO Described in the condemnation notice 014-124A, 5/15/2001.

CB5MH.

VA Overall AU Category: **5A** 

Use Impairment

npairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Shellfishing **Fecal Coliform** 00950 **1998 2010** 00950 (SF)

VAP-C01E-13

VDH-DSS Shellfish Condemnation Number 014-124A, 5/15/2001.

Sources: Source Unknown

TMDL Watershed Name: Cobbs Creek

TMDL Group ID: 00195

VAP-C03E COB01A02 Cobbs Creek MATHEWS CO As described in the condemnation notice 170, 3/2/1993.

PIAMH.

VA Overall AU Category: 5D

Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Shellfishing Fecal Coliform 00195 2002 2005 Cat 4A for Shellfish

00195 (SF)

VAP-C03E-11

VDH-DSS Condemnation 170, 3/2/1993

This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed

as Cat 4A.

Sources: Non-Point Source

DRAFT 6/28/2006 Page 1545 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description			
Chesapeake Bay/Atlantic/Small Coastal Basins						
TMDL Watershed Name:	DL Watershed Name: Cobbs Creek					
TMDL Group ID:	15006					
VAP-C03E_COB02A02	Cobbs Creek	MATHEWS CO	As described in VDH-DSS SFC No. 034-170, 10/13/2003, not otherwise segmented.			
			PIAMH.			
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.05 SQUARE MILES TMDL Group II  Fecal Coliform 15006	D First Listed on 303(d) TMDL Schedu 2006 2018	le Impairment Specific Comments and/or Impairment Specific VA Category 15006 (SF)			
Ŭ			VAP-C03E-12			
			VDH-DSS Condemnation 034-170, 10/13/2003			
			The upper portion of Cobbs Creek was originally listed in 1998 based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. Cobbs Creek condemnation area was later expanded. In the 2006 cycle, this segment was assessed as not supporting for the Shellfish Use.			
	Sources: Source Unknown					
TMDL Watershed Name:		Cockrell Creek				
TMDL Group ID:	00951					
VAP-C01E_COC01A98	Cockrell Creek	NORTHUMBERLAND CO	As described in VDH-DSS Shellfish Condemnation No. 012-002B, 11/15/2004.			
			Merged segment COC02A98 into this segment in 2006, then deleted it. Area adjusted.			
			CB5MH.			
VA Overall AU Category: <b>5A</b>			Size adjusted 2006.			
Use Shellfishing	Impairment 0.61 SQUARE MILES TMDL Group II  Fecal Coliform 00951	D First Listed on 303(d) TMDL Schedu 1998 2010	le Impairment Specific Comments and/or Impairment Specific VA Category 00951 (SF)			
			VAP-C01E-08			
	Sources: Source Unknown		VDH-DSS Shellfish Condemnation Notice 012-002B, 11/15/2004.			

DRAFT 6/28/2006 Page 1546 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins **Cockrell Creek** TMDL Watershed Name: TMDL Group ID: 00951 VAP-C01E\_COC04A98 **Cockrell Creek** NORTHUMBERLAND CO From the downstream boundary of VDH-DSS Condemnation Notice 012-002A & C, 11/15/2004, to the mouth. Area decreased in 2006 cycle. CB5MH. VA Overall AU Category: **Impairment** Use 0.43 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 00951 Shellfishing **Fecal Coliform** 1998 2010 00951 (SF) VAP-C01E-08 VDH-DSS Shellfish Condemnation Notice 012-002A, 11/15/2004. Area decreased in 2006 cycle. Sources: Source Unknown TMDL Watershed Name: Craddock Creek - Upper TMDL Group ID: 00391 VAT-C13E\_CRA01A06 Craddock Creek - Upper ACCOMACK CO North of Scarborough Neck area. Portion of CBP segment CB7PH. DSS shellfish cendemnation # 083-195. VA Overall AU Category: 5A **Impairment** 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00391 2010 1998 DSS shellfish cendemnation # 083-195. Sources: Source Unknown TMDL Watershed Name: **Crystal Lake** TMDL Group ID: 01222 VIRGINIA BEACH CITY Includes Rainey Gut. Located in North Linkhorn Park area in Virginia VAT-C08E CRY01A00 **Crystal Lake** Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E DEY01A00, LKN01A00 & CRY01A00). VA Overall AU Category: **Impairment** 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 01222 1998 2004 Portion of DSS condemnation #071-025 C (balance in VAT-C08E LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004. Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source

DRAFT 6/28/2006 Page 1547 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins TMDL Watershed Name: **Crystal Lake** TMDL Group ID: 01222 Sources: On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems) TMDL Watershed Name: **Davenport Creek** TMDL Group ID: 00954 **Davenport Creek** LANCASTER CO VAP-C01E\_DVN01A04 Described in VDH Shellfish Condemnation 017-188B, 7/13/2004 CB5MH VA Overall AU Category: **Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00954 2004 2016 VAP-C01E-34, VDH Shellfish Condemnation 188B, 7/13/2004 Sources: Source Unknown TMDL Watershed Name: **Davis Creek** TMDL Group ID: 00998 **GLOUCESTER CO** Described in the condemnation notice 042-131B, 9/17/2004. VAP-C04E DAV01A98 **Davis Creek** Size extended in 2004 cycle. **MOBPH** VA Overall AU Category: **Impairment** 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category 00998 Shellfishing **Fecal Coliform** 2002 2014 VAP-C04E-12 VDH-DSS SFC Number 042-131B, 9/17/2004 Sources: Source Unknown TMDL Group ID: 01000 **Davis Creek MATHEWS CO** Described in the condemnation notice 040-085B, 12/27/2004 VAP-C04E DVS01A98 Size increased in 2006 cycle. **MOBPH** VA Overall AU Category: **Impairment** 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category **Fecal Coliform** 01000 Shellfishing 1998 2010 VAP-C04E-15 VDH-DSS SFC Number 040-085B, 12/27/2004 Sources: Source Unknown

DRAFT 6/28/2006 Page 1548 of 2156

Assessment Unit ID	Waterbody Name	City / County*		Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Bas	ins		
TMDL Watershed Name:		Davis	reek	
TMDL Group ID:	01000			
TMDL Watershed Name:		Deep	reek	
TMDL Group ID:	76010			
VAT-C10E_DEP01A06	Deep Creek - Upper	ACCOMACK CO	downstream	of Bayside. Upper portion of creek, from end of tidal waters to approx. RM 1.6. Portion of CBP segment CB7PH. DSS demnation # 077-138 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MII	LES TMDL Group ID First Listed on 303(d)	OL Schedule Impairm	ent Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76010 <b>2006</b>	The Recreation	n Use is impaired ( 2 violate / 9 obs.) due to exceedance of the criteria for Enterococcus bacteria.
	Sources	s: Source Unknown		
VAT-C10E_DEP02A06	Deep Creek - Lower	ACCOMACK CO		of Bayside. Lower portion of creek, from RM 1.6 downstream rtion of CBP segment CB7PH. DSS (OPEN) Shellfish n # 077-138.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.10 SQUARE MII	LES TMDL Group ID First Listed on 303(d)	OL Schedule Impairm	ent Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76010 <b>2006</b>	The Recreation	n Use is impaired ( 2 violate / 9 obs.) due to exceedance of the criteria for Enterococcus bacteria.
	Sources	s: Source Unknown		
TMDL Watershed Name:		Deep Cre	k - Upper	
TMDL Group ID:	00394			
VAT-C10E_DEP01A06	Deep Creek - Upper	ACCOMACK CO	downstream t	of Bayside. Upper portion of creek, from end of tidal waters to approx. RM 1.6. Portion of CBP segment CB7PH. DSS demnation # 077-138 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MII	LES TMDL Group ID First Listed on 303(d)	Ol Schedule Impairm	ent Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00394 <b>1998</b>	DSS Shellfish	condemnation # 077-138 A. May be related to Recreation impairment soccus bacteria in this and downstream segment.
	Sources	s: Source Unknown		Ç

DRAFT 6/28/2006 Page 1549 of 2156

Assessment Unit ID	Waterbody Name City / County*		Assessment Unit Description				
Chesapeake Bay/Ata	lantic/Small Coastal Basins						
TMDL Watershed Name:		Dey Cove & Milldam Creek					
TMDL Group ID:	01223						
VAT-C08E_DEY01A00	Dey Cove/Mill Dam Creek	VIRGINIA BEACH CITY	Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).				
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES TMDI G	roup ID First Listed on 303(d) TMDL Scheo	lule Impairment Specific Comments and/or Impairment Specific VA Category				
Shellfishing		223 <b>1998 2004</b>	Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.				
	Natural So Non-Point On-site Tre		or Decencentralized Systems)				
TMDL Watershed Name:		Dividing Creek (2	2A)				
TMDL Group ID:	00953						
VAP-C01E_DIV01A98	Dividing Creek	NORTHUMBERLAND CO	Described in the VDH-DSS SF condemnation notice 015-022A, 4/25/2003.				
			СВ5МН.				
			This segment decreased in size for 2006; Lawrence Cove was separated into segment LRC01A06.				
VA Overall AU Category: 5A Use		roup ID First Listed on 303(d) TMDL Scheo					
Shellfishing	recai Coliform 00	953 <b>1998 2010</b>	00953 (SF) VAP-C01E-15				
	Sources: Source Un	known	VDH-DSS Shellfish Condemnation Notice 015-22A, 4/25/2003				

DRAFT 6/28/2006 Page 1550 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description				
Chesapeake Bay/Att	Chesapeake Bay/Atlantic/Small Coastal Basins						
TMDL Watershed Name:		Dividing Creek, Unnamed	Cove (22B)				
TMDL Group ID:	00976						
VAP-C01E_XUC01A98	Unnamed Cove of Dividing Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022C, 4/25/2003.				
			СВ5МН.				
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TMDL Group	o ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category				
Shellfishing	Fecal Coliform 00976		00976 (SF)				
			VAP-C01E-18				
	Sources: Source Unkno	NA/O	VDH-DSS Shellfish Condemnation Notice 015-022C, 4/25/2003				
TMDL Watershed Name:	Sources. Source Official						
		Doctors Creek					
TMDL Group ID:	00999						
VAP-C04E_DOC01A98	Doctors Creek	MATHEWS CO	Described in the condemnation notice 039-026B, 3/18/2004.				
VA Overall AU Category: <b>5A</b>			CB6PH				
Use Use	Impairment 0.01 SQUARE MILES TMDL Group	DID First Listed on 303(d) TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category				
Shellfishing	Fecal Coliform 00999	9 1998 2010	VAP-C04E-19 (SF)				
	Sources: Source Unkno	wn	VDH-DSS SFC Number 039-026B, 3/18/2004				
TMDL Watershed Name:		Dragon Run					
TMDL Group ID:	00982						
VAP-C02R_DRN02A04	Dragon Swamp	ESSEX CO MIDDLESEX CO	Headwaters to Route 602 bridge. Segment length adjusted in 2006.				
VA Overall AU Category: <b>5A</b>	Impairment 19.61 MILES TMDI Grou	TD. First Listed on 202(d). TMDL Calcula	de la Tanais de la Caración Comunidad de La Tanais de la Caración MA Cabana				
Use Aquatic Life	Oxygen, Dissolved 00982	2 2004 TMDL Schedu 2 2016	lle Impairment Specific Comments and/or Impairment Specific VA Category VAP-C02R-02				
·		ione Water Quality Characterists Lies Aller	In 2006, Dragon Swamp continued to have violations of dissolved oxygen and pH standards at 7-DRN024.19. The violation rate for DO was 6/15; the violation rate for pH was 6/15. The violations were considered to be due to natural conditions of upstream swamps, therefore was assessed as Cat. 5C.				
	Sources: Natural Condit	ions - Water Quality Standards Use Attain	ability Analyses needed				

DRAFT 6/28/2006 Page 1551 of 2156

Assessment Unit ID	Waterbody Name	City / Cour	ty*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basin	es		
TMDL Watershed Name:		Dra	gon Run	
TMDL Group ID:	00983			
VAP-C02R_DRN02A04	Dragon Swamp	ESSEX CO MIDDLESEX		Headwaters to Route 602 bridge. Segment length adjusted in 2006.
VA Overall AU Category: 5A Use	Impairment 19.61 MILES	TMDL Group ID First Listed on 303(d		
Aquatic Life	рН	00983 <b>2004</b>	2016	VAP-C02R-02
				In 2006, Dragon Swamp continued to have violations of dissolved oxygen and pH standards at 7-DRN024.19. The violation rate for DO was 6/15; the violation rate for pH was 6/15. The violations were considered to be due to natural conditions of upstream swamps, therefore was assessed as Cat. 5C.
	Sources:	Natural Conditions - Water Quality Stand	ards Use Attain	ability Analyses Needed
TMDL Watershed Name:		Dragon Rur	, Dragon S	Swamp
TMDL Group ID:	00981			
VAP-C02R_DRN01A98	Dragon Swamp	GLOUCESTEF MIDDLESEX		From the Route 602 bridge (rm 15.08) to the tidal limits. Segment extended in 2006 to incorporate 2004 segment VAP-C02R_DRN03A04, which was deleted.
VA Overall AU Category: <b>5A</b> Use Aquatic Life	Impairment 11.57 MILES <b>pH</b>	TMDL Group ID First Listed on 303(d 00981 <b>2002</b>	TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category VAP-C02R-01
				For the 2006 cycle, there was a pH standards violation rate of 7/38 at station 7-DRN010.48. The low pH is believed to be due to natural conditions from upstream swamps. This segment will be assessed as Cat 5C.
	Sources:	Natural Conditions - Water Quality Stand	ards Use Attain	ability Analyses Needed
TMDL Watershed Name:		Drag	on Swamp	
TMDL Group ID:	00980			
VAP-C02E_DRN01A02	Dragon Swamp	GLOUCESTEF MIDDLESEX		The tidal portion of Dragon Swamp.
		MIDDLESEA	CO	PIAMH.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.11 SQUARE MILE	S TMDL Group ID First Listed on 303(d	) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00980 1998	2010	00980 (SF)
				VAP-C03E-02
	Sources:	Source Unknown		VDH Shellfish Condemnation 035-076A, 9/3/2004.
	2341000.			

DRAFT 6/28/2006 Page 1552 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay	/Atlani	tic/Small	Coastal	Basins
----------------	---------	-----------	---------	--------

TMDL Watershed Name: Dragon Swamp, Piankatank River Watersheds - Mercury

TMDL Group ID: 00978

VAP-C02E\_DRN01A02 Dragon Swamp GLOUCESTER CO The tidal portion of Dragon Swamp.

MIDDLESEX CO

PIAMH.

VA Overall AU Category: **5A** 

Use Impairment 1.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Fish Consumption Mercury in Fish Tissue 00978 2004 2016 00978 (Hg)

VAP-C02R-03

VDH issued a fish consumption advisory due to elevated levels of mercury in fish tissue of largemouth bass. In July 2005, VDH extended the riverine waterbody boundaries to include the entire length of Dragon Swamp from the headwaters downstream to the tidal limits.

This segment of the Dragon Swamp was also considered impaired for the Fish Consumption Use due to elevated levels of mercury found in the fish tissue of largemouth bass and chain pickerel at 7-DRN003.40. In addition, there were observed effects for mercury and arsenic at 7-DRN001.43, however arsenic was not considered an impairing cause.

Sources: Source Unknown

VAP-C02R\_DRN01A98 Dragon Swamp GLOUCESTER CO

11.57 MILES

SLOUCESTER CO From the Route 602 bridge (rm 15.08) to the tidal limits. Segment extended in 2006 to incorporate 2004 segment VAP-C02R DRN03A04, which was

deleted.

VA Overall AU Category: Use

5A

**Impairment** 

Impairment Specific Comments and/or Impairment Specific VA Category

Fish Consumption Mercury in Fish Tissue 00978 2006 2016 VAP-C02R-01, VAP-C02R-03

VDH Fish Consumption Restriction

Dragon Swamp is considered impaired for the Fish Consumption Use due to elevated levels of Mercury found in the fish tissue at station 7-DRN015.09. Fish tissue analyses also indicated there were observed effects for Arsenic.

VDH issued a fish consumption advisory due to elevated levels of mercury in fish tissue of largemouth bass. In July 2005, VDH extended the riverine waterbody boundaries to include the entire length of Dragon Swamp from the headwaters downstream to the tidal limits.

In 2006, this segment was increased to include 2004 VAP-C02R\_DRN03A04.

Sources: Source Unknown

DRAFT 6/28/2006 Page 1553 of 2156

TMDL Group ID First Listed on 303(d) TMDL Schedule

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Dragon Swamp, Piankatank River Watersheds - Mercury TMDL Watershed Name: TMDL Group ID: 00978 VAP-C02R\_DRN02A04 **Dragon Swamp ESSEX CO** Headwaters to Route 602 bridge. Segment length adjusted in 2006. MIDDLESEX CO VA Overall AU Category: **Impairment** 19.61 MILES Use TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption Mercury in Fish Tissue 00978 2006 2016 00978 (Fish Advisory) VAP-C02R-03 This segment was assessed as not supporting for the Fish Consumption Use based on Fish tissue analyses at 7-DRN023.41, which indicated an elevated level of mercury in fish tissue. In addition, this segment was also assessed for an observed effect for arsenic. In July 2005, VDH extended the Fish Consumption Advisory waterbody boundaries to include the entire length of Dragon Swamp from the headwaters near Rt. 620 downstream to the Deep Point Boat Landing. The segment is impaired due to elevated levels of mercury found in the fish tissue of largemouth bass. Sources: Source Unknown VAP-C03E PNK01A02 **Piankatank River GLOUCESTER CO** Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No. MIDDLESEX CO 035-076A. 9/3/2004. PIAMH. VA Overall AU Category: **Impairment** 2.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption Mercury in Fish Tissue 00978 2004 2016 00978 (Hg) VAP-C02R-03 VDH issued a fish consumption advisory due to elevated levels of mercury in fish tissue of largemouth bass. In July 2005, VDH extended the riverine waterbody boundaries to include the entire length of Dragon Swamp from the headwaters downstream to Deep Point Boat Landing on the Piankatank River (near Rt. 606). Fish tissue analysis from stations 7-PNK017.47 and 7-PNK020.42 were assessed with observed effects for mercury and arsenic, however arsenic was not assessed as an impairing cause. Sources: Source Unknown

DRAFT 6/28/2006 Page 1554 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins DSS Inlet #2-Unnamed Inlet of Back River TMDL Watershed Name: TMDL Group ID: 01808 VAT-C07E\_INB01A04 **DSS Inlet #2-Unnamed Inlet of Back River** HAMPTON CITY South shore trib, to mainstem Back R.Located in unnamed inlet west of Dandy Point. On south shore of Back River, southwest of mouth and east of Harris R. DSS condemnation # 054-215B (effective 2004-06-02). CBP Segment MOBPH. VA Overall AU Category: 5A Use **Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category **Fecal Coliform** 2006 2016 DSS condemnation # 054-215B (effective 2004-06-02). Previously in 2004 IR was # Shellfishing 01808 054-021H - effective 2002-06-25). Sources: Source Unknown TMDL Watershed Name: **Dymer Creek** TMDL Group ID: 00955 LANCASTER CO VAP-C01E DYM01A98 **Dymer Creek** Described in the condemnation notice 016-24A, 1/6/2004. Area expanded in 2006 cycle. CB5MH. VA Overall AU Category: **Impairment** 0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00955 1998 2010 00955 (SF) VAP-C01E-24 VDH-DSS Shellfish Condemnation Notice 016-024A, 1/6/2004. This area expanded to 0.23 sq .mi. in 2006. Sources: Source Unknown TMDI Watershed Name: **East River** TMDL Group ID: 01003 MATHEWS CO Described in the condemnation notice 092, 7/7/2003, VAP-C04E EST01A98 **East River** Size decreased in 2006 cycle. **MOBPH** VA Overall AU Category: **Impairment** 0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 01003 1998 2010 VAP-C04E-13 VDH-DSS SFC Number 92, 7/7/2003 Sources: Source Unknown

DRAFT 6/28/2006 Page 1555 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/Ata	lantic/Small Coastal Basins			
TMDL Watershed Name:		East River, East Sho	ore	
TMDL Group ID:	01004			
VAP-C04E_EST04A02	East River, UT	MATHEWS CO	As described in condemnation notice 041-212B, 9/15/2004.	
			МОВРН	
VA Overall AU Category: <b>5A</b> Use Shellfishing		Group ID First Listed on 303(d) TMDL Schedule 1004 2002 2014	e Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-27	
	Sources: Source U	nknown	VDH-DSS Shellfish condemnation 041-212B, 9/15/2004	
TMDL Watershed Name:		Easton Cove/Floyds	Вау	
TMDL Group ID:	01752			
VAT-C07E_EAS01A06	Easton Cove/Floyds Bay		Located in southeast corner of Bennett Cr, trib to Poquoson River. Area of York Haven Anchorage. Includes Easton Cove and Floyds Bay. DSS shellfish condemnation # 053-137l (Effective 2004-04-26). CBP Segment MOBPH.	
VA Overall AU Category: 5A Use Shellfishing		Group ID First Listed on 303(d) TMDL Schedule 1752 <b>2006 2018</b> nknown	Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish condemnation # 053-137I. Effective 2004-04-26.	
TMDL Watershed Name:	Edwards Creek			
TMDL Group ID:	01001			
VAP-C04E_EDW01A98	Edwards Creek	MATHEWS CO	Described in the condemnation notice 197A, 2/19/2003.	
			PIAMH	
VA Overall AU Category: <b>5A</b> Use Shellfishing		Group ID First Listed on 303(d) TMDL Schedule 1001 1998 2010	e Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-03	
	Sources: Source U	nknown	VDH-DSS SFC Number 197A, 2/19/2003	
	Sources. Source U	IIKIIOWII		

DRAFT 6/28/2006 Page 1556 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basi	ins	
TMDL Watershed Name:		Elmington Cree	k
TMDL Group ID:	01002		
VAP-C04E_ELM01A98	Elmington Creek	GLOUCESTER CO	Described in the condemnation notice 042-157B, 9/17/2004.
			Size increased in 2006 cycle.
			МОВРН
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.07 SQUARE MIL Fecal Coliform	LES TMDL Group ID First Listed on 303(d) TMDL Schedu 01002 1998 2010	ule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-09
Offemoring	recai comorm	01002 1990 2010	VDH-DSS SFC Number 042-157B, 9/17/2004
	Sources	: Source Unknown	VBT 250 61 6 (Maill261 612 1612), 61 17 250 1
TMDL Watershed Name:		Exol Swamp	
TMDL Group ID:	15016		
VAP-C02R_EXE01A06	Exol Swamp	KING AND QUEEN CO	Headwaters downstream to mouth at Dragon Swamp.
VA Overell All Catagorius - FA			
VA Overall AU Category: <b>5A</b> Use	Impairment 13.42 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	рН	15016 <b>2006 2018</b>	15016 (pH)
			VAP-C02R-04
			This segment was assessed as not supporting for Aquatic Life Use due to violations in the standards for dissolved oxygen and pH. The violation rate for DO was 3/11, and the pH violation rate was 2/11.
	Sources	: Source Unknown	
TMDL Group ID:	15017		
VAP-C02R_EXE01A06	Exol Swamp	KING AND QUEEN CO	Headwaters downstream to mouth at Dragon Swamp.
VA Overall AU Category: <b>5A</b> Use	Impairment 13.42 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	
Aquatic Life	Oxygen, Dissolved	15017 <b>2006 2018</b>	15017 (DO)
			VAP-C02R-04
			This segment was assessed as not supporting for Aquatic Life Use due to violations in the standards for dissolved oxygen and pH. The violation rate for DO was 3/11, and the pH violation rate was 2/11.
	Sources	: Source Unknown	

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/Att	lantic/Small Coastal Basins			
TMDL Watershed Name:		Ferry Creek		
TMDL Group ID:	00986			
VAP-C03E_FER01A98	Ferry Creek	GLOUCESTER CO	Described in the condemnation notice 035-171, 6/9/1998.	
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.09 SQUARE MILES TMDL Group Fecal Coliform 00986	D ID First Listed on 303(d) TMDL Schedu 5 1998 2010	PIAMH.  Ile Impairment Specific Comments and/or Impairment Specific VA Category  00986 (SF)	
<b>3</b>			VAP-C03E-04	
	Sources: Source Unkno	wn	VDH-DSS Shellfish Condemnation Notice 035-171, 6/9/1998	
TMDL Watershed Name:	Finney Creek, Upper			
TMDL Group ID:	01459			
VAT-D03E_FNC01A04	Finney Creek - Upper	ACCOMACK CO	Tributary to Hummock Cove, station located near Locustville. Upper portion upstream of widening (approx, RM 2.38). No DSS shellfish condemnation.	
VA Overall AU Category: <b>5A</b> Use		o ID First Listed on 303(d) TMDL Schedu		
Recreation	Fecal Coliform 01459  Sources: Source Unknown		The Recreatiion Use is impaired due to exceedance ( 3 violates / 10 obs.) of the criteria for Fecal Coliform bacteria.	
TMDL Watershed Name:	Finneys Creek, Upper			
TMDL Group ID:	00275			
VAT-C11E_FNN01A00	Finneys Creek - Upper	ACCOMACK CO	East of Bailey Neck area. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 080-013 A.	
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.05 SQUARE MILES TMDL Group Fecal Coliform 00275 Sources: Source Unknown		Impairment Specific Comments and/or Impairment Specific VA Category  DSS shellfish condemnation # 080-013 A.	

DRAFT 6/28/2006 Page 1558 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basins		
TMDL Watershed Name:		Folly Creek	
TMDL Group ID:	76020		
VAT-D03E_FLL01A00	Folly Creek - Upper	ACCOMACK CO	Tributary to Metomkin Bay. Upper estuarine portion of Folly Creek, from end of tidal downstream to end of shellfish condemnation (approx. RM 3.5). DSS shellfish condemnation # 097-173.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.25 SQUARE MILES TY	MDL Group ID First Listed on 303(d) TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	76020 <b>2006 2018</b>	Evaluated from downstream DEQ station @ 7-FLL002.46. The Aquatic Life use is impaired due to dissolved oxygen concentrations ( 3 violates / 28 obs.) below the criteria minimum (4.0 mg/l).
	Sources: Sour	ce Unknown	
VAT-D03E_FLL02A00	Folly Creek - Lower	ACCOMACK CO	Lower estuarine portion of Folly Creek, tributary to Metomkin Bay. No DSS shellfish condemnation.
VA Overall AU Category: <b>5A</b> Use Use		MDL Group ID First Listed on 303(d) TMDL Schedu	
Aquatic Life	Oxygen, Dissolved	76020 <b>2006 2018</b>	The Aquatic Life use is impaired due to dissolved oxygen concentrations ( 3 violates / 28 obs.) below the criteria minimum (4.0 mg/l).
	Sources: Sour	ce Unknown	
TMDL Group ID:	76021		
VAT-D03E_FLL01A00	Folly Creek - Upper	ACCOMACK CO	Tributary to Metomkin Bay. Upper estuarine portion of Folly Creek, from end of tidal downstream to end of shellfish condemnation (approx. RM 3.5). DSS shellfish condemnation # 097-173.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.25 SQUARE MILES TR	MDL Group ID First Listed on 303(d) TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76021 <b>2006 2018</b>	Evaluated from data at downstream DEQ station @ 7-FLL002.46. Exceeds the maximum criteria ( 2 violates / 15 obs.) for Enterococcus bacteria.
	Sources: Sour	ce Unknown	
VAT-D03E_FLL02A00	Folly Creek - Lower	ACCOMACK CO	Lower estuarine portion of Folly Creek, tributary to Metomkin Bay. No DSS shellfish condemnation.
VA Overall AU Category: <b>5A</b> Use Recreation	Enterococcus	MDL Group ID First Listed on 303(d) TMDL Schedu 76021 2006 2018	le Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Sour	CE OHNHOWH	

DRAFT 6/28/2006 Page 1559 of 2156

Assessment Unit ID	Waterbody Name	City / Coun	t <b>y</b> *	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basi	ns		
TMDL Watershed Name:		Folly Creek, l	nnamed T	<b>Fributary</b>
TMDL Group ID:	01464			
VAT-D03R_XDE01A02	Unnamed tributary to Folly Creek	ACCOMACK	00	Segment begins at headwaters downstream to start of tidal waters. Located east of Accomac, near Edge Hill Cemetary.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.54 MILES	TMDL Group ID First Listed on 303(d)	TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life <b>Benthic</b>	e-Macroinvertebrate Bioassessments (Streams)	01464 <b>2002</b>	2014	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Benthic population impacts were recorded at the following sample events: 7-XDE000.40 - moderately impaired [MI:F-'00,VI:F-'01,S-'02,MI:F-'02].
	Sources:	Leaking Underground Storage Tanks Source Unknown		
TMDL Group ID:	76023			
VAT-D03R_XDE01A02	Unnamed tributary to Folly Creek	ACCOMACK	00	Segment begins at headwaters downstream to start of tidal waters. Located east of Accomac, near Edge Hill Cemetary.
VA Overall AU Category: 5A Use	Impairment 1.54 MILES	TMDL Group ID First Listed on 303(d)		
Aquatic Life	Oxygen, Dissolved	76023 <b>2006</b>	2018	Dissolved oxygen violation of the minimum criteria for dissolved oxygen ( 2 violates / 7 obs.).
	Sources:	Source Unknown		
TMDL Watershed Name:		Folly C	reek, Uppe	er
TMDL Group ID:	01252			
VAT-D03E_FLL01A00	Folly Creek - Upper	ACCOMACK	00	Tributary to Metomkin Bay. Upper estuarine portion of Folly Creek, from end of tidal downstream to end of shellfish condemnation (approx. RM 3.5). DSS shellfish condemnation # 097-173.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.25 SQUARE MIL Fecal Coliform	ES TMDL Group ID First Listed on 303(d) 01252 <b>2004</b>	TMDL Schedu 2010	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources:	Source Unknown		

DRAFT 6/28/2006 Page 1560 of 2156

Assessment Unit ID	Waterbody Name	City / Cou	nty*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basi	ins		
TMDL Watershed Name:		Fo	x Mill Run	
TMDL Group ID:	01020			
VAP-C05R_FOX01A00	Fox Mill Run	GLOUCESTE	R CO	From its headwaters to the extent of tide.
VA Overall AU Category: <b>5A</b> Use Aquatic Life	Impairment 7.07 MILES  Oxygen, Dissolved  Sources	TMDL Group ID First Listed on 303 01020 2002 Source Unknown	d) TMDL Schedule <b>2014</b>	Impairment Specific Comments and/or Impairment Specific VA Category
TMDL Group ID:	01021			
VAP-C05R_FOX01A00	Fox Mill Run	GLOUCESTE	R CO	From its headwaters to the extent of tide.
VA Overall AU Category: <b>5A</b> Use Recreation	Impairment 7.07 MILES  Fecal Coliform  Sources	TMDL Group ID First Listed on 303 01021 2002 Source Unknown	d) TMDL Schedule 2014	Impairment Specific Comments and/or Impairment Specific VA Category
TMDL Watershed Name:	Frenchs Creek			
TMDL Group ID:	00987			
VAP-C03E_FRE01A02	Frenchs Creek	GLOUCESTE	R CO	As described in the condemnation notice 035-076B, 9/3/2004.
VA Overall AU Category: 5A Use	Impairment 0.01 SQUARE MIL Fecal Coliform	ES TMDL Group ID First Listed on 303 00987 <b>2002</b>	d) TMDL Schedule	PIAMH.  Impairment Specific Comments and/or Impairment Specific VA Category 00987 (SF)
Shellfishing	recai Comorni	00907 2002		VAP-C03E-03
				VDH-DSS Shellfish Condemnation Notice 035-076B, 9/3/2004.
	Sources	Source Unknown		

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basin	ıs	
TMDL Watershed Name:		Front Cov	/e
TMDL Group ID:	01809		
VAT-C07E_FRT01A06	Front Cove	POQUOSON CITY CITY	North shore trib. to mainstem Back R. Adjacent to Messick Point. DSS shellfish condemnation # 054-021A (Effective 2004-06-02, previously in # 193 - effective 1998-06-24). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILE	S TMDL Group ID First Listed on 303(d) TMDL S	chedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01809 2006 2010	
	Sources:	Source Unknown	dilect profices contestination in 100 (Encourse 1000 to 21).
TMDL Watershed Name:		Gargathy C	reek
TMDL Group ID:	01461		
VAT-D03R_GAR01A02	Gargathy Creek	ACCOMACK CO	Riverine portion of Gargathy Creek, from headwaters downstream to beginning of tidal waters. Located southeast of Nelsonia.
VA Overall AU Category: <b>5A</b> Use	Impairment 2.46 MILES	TMDL Group ID First Listed on 303(d) TMDL S	chedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life Benthic	c-Macroinvertebrate Bioassessments (Streams)	01461 <b>2004 2014</b>	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Benthic population impacts were recorded at the following sample events: 7-GAR006.01 - moderately impaired [MI:S-'00,F-'00,S-'02,F-'02].
	Sources:	Source Unknown	. 6.1.00000
TMDL Group ID:	01462		
VAT-D03R_GAR01A02	Gargathy Creek	ACCOMACK CO	Riverine portion of Gargathy Creek, from headwaters downstream to beginning of tidal waters. Located southeast of Nelsonia.
VA Overall AU Category: <b>5A</b> Use	Impairment 2.46 MILES	TMDL Group ID First Listed on 303(d) TMDL S	chedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01462 <b>2004 2016</b>	The Recreatiion Use is impaired due to exceedance ( 2 violates / 7 obs.) of the criteria for fecal coliform, and with Observed Effects, due to Ecoli bacteria exceedances within limited observations ( 1 violate / 4 obs.) preventing impairment determination.
	Sources:	Source Unknown	(

DRAFT 6/28/2006 Page 1562 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basin	cS	
TMDL Watershed Name:		Gargathy Creek,	Lower
TMDL Group ID:	01460		
VAT-D03E_GAR01A04	Gargathy Creek - Upper	ACCOMACK CO	Upper estuarine portion of Gargathy Creek from headwaters (approx RM 5.5) downstream to end of DSS condemnation (approx. RM 0.88). DSS shellfish condemnation # 098-172.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.11 SQUARE MILE	S TMDL Group ID First Listed on 303(d) TMDL Sci	hedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01460 <b>2006 2016</b>	Evaluated from downstream DEQ station @ 7-GAR001.80 . The Aquatic Life use is impaired due to dissolved oxygen concentrations ( 4 violates / 31 obs.) below the criteria minimum.
	Sources:	Source Unknown	
VAT-D03E_GAR02A04	Gargathy Creek - Lower	ACCOMACK CO	Lower estuarine portion of Gargathy Creek, from point where channel narrows (RM 3.45) downstream to confluence with Gargathy Bay (RM 1.38). Portion of DSS shellfish condemnation # 172.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILE	S TMDL Group ID First Listed on 303(d) TMDL Sci	hedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01460 <b>2004 2016</b>	The Aquatic Life use is impaired due to dissolved oxygen concentrations ( 4 violates / 31 obs.) below the criteria minimum.
	Sources:	Natural Conditions - Water Quality Standards Use A	ttainability Analyses Needed
TMDL Watershed Name:		Gargathy Creek,	Upper
TMDL Group ID:	01253		
VAT-D03E_GAR01A04	Gargathy Creek - Upper	ACCOMACK CO	Upper estuarine portion of Gargathy Creek from headwaters (approx RM 5.5) downstream to end of DSS condemnation (approx. RM 0.88). DSS shellfish condemnation # 098-172.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.11 SQUARE MILE Fecal Coliform	S TMDL Group ID First Listed on 303(d) TMDL Sci 01253 <b>2004 2016</b>	hedule Impairment Specific Comments and/or Impairment Specific VA Category
Chemoning		Source Unknown	

DRAFT 6/28/2006 Page 1563 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Georges Cove	
TMDL Group ID:	00957		
VAP-C01E_GEO01A98	Georges Cove	LANCASTER CO	Described in the condemnation notice 016-24C, 1/6/2004. The area expanded in the 2006 cycle.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.03 SQUARE MILES TMDL Group 1  Fecal Coliform 00957	ID First Listed on 303(d) TMDL Schedu 1998 2010	CB5MH.  Ile Impairment Specific Comments and/or Impairment Specific VA Category 00957 (SF)
•			VAP-C01E-25
			VDH-DSS Shellfish Condemnation Notice 016-24C, 1/6/2004.
	Sources: Source Unknown	n ————————————————————————————————————	
TMDL Watershed Name:		Gougher Creek	
TMDL Group ID:	15004		
VAP-C01E_GOU01A06	Gougher Creek	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 013-089E, 4/16/2006. Area expanded in 2006 cycle.
			СВ5МН.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.03 SQUARE MILES TMDL Group I	ID First Listed on 303(d) TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform 15004	2006 2018	15004 (SF)
			VAP-C01E-32
			VDH-DSS Shellfish Condemnation Number 013-089E, 4/16/2004.
	Sources: Source Unknown	n	

DRAFT 6/28/2006 Page 1564 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins **Great Wicomico River** TMDL Watershed Name: TMDL Group ID: 00959 VAP-C01E\_GWR01A98 **Great Wicomico River** NORTHUMBERLAND CO Described in the condemnation notice 013-089A, 4/16/2004. CB5MH Size increased in 2004 cycle. VA Overall AU Category: Impairment 0.55 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00959 1998 2010 00959 (SF) VAP-C01E-01 VDH-DSS Condemnation Number 013-089A, 4/16/2004. Sources: Source Unknown Greenbackville Harbor - DSS TMDL Watershed Name: TMDL Group ID: 76557 Northern Chincoteague Bay near VA-MD border. DSS shellfish VAT-D01E GBV01A06 **Greenbackville Harbor - DSS** ACCOMACK CO condemnation # 100-153. VA Overall AU Category: Use **Impairment** 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 76557 2006 2010 Sources: Source Unknown Guilford Creek (#176B) TMDL Watershed Name: TMDL Group ID: 00241 **Guilford Creek - Upper** VAT-C10E GLF01A06 Northeast of Town of Guilford, Upper portion of creek, from end of tidal ACCOMACK CO waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 076-176 B. VA Overall AU Category: Impairment 0.15 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00241 1998 2010 DSS shellfish condemnation # 076-176 B. Sources: Source Unknown

DRAFT 6/28/2006 Page 1565 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/Ata	lantic/Small Coastal Basins			
TMDL Watershed Name:		Harper Creek		
TMDL Group ID:	00988			
VAP-C03E_HRP01A98	Harper Creek	GLOUCESTER CO	Described in the condemnation notice 035-076A, 9/3/2006. Harper Creek is a portion of the Piankatank River condemnation.	
			PIAMH.	
			Size adjusted in 2006 cycle.	
VA Overall AU Category: <b>5A</b> Use Shellfishing		roup ID First Listed on 303(d) TMDL Schedu 988 1998 2010	le Impairment Specific Comments and/or Impairment Specific VA Category 00980 (SF)	
			VAP-C03E-02	
	Sources: Source Unl	770.00	VDH Shellfish Condemnation Notice 035-076A, 9/3/2004.	
TMDI Materahad Nome				
TMDL Watershed Name:		Harper Creek, Foxes Creek, Ga	lliaman Swamp	
TMDL Group ID:	01100	GLOUCESTER CO	Harris Creek and its region with staries Favor Creek and Callages Courses	
VAP-C03R_HRP01A98	Harper Creek, Foxes Creek, Gallaman Swamp	GLOUCESTER CO	Harper Creek and its major tributaries, Foxes Creek and Gallaman Swamp.	
VA Overall AU Category: 5A Use Aquatic Life		oup ID First Listed on 303(d) TMDL Schedu 738 <b>2002 2014</b>	le Impairment Specific Comments and/or Impairment Specific VA Category  Monitoring for this station ended in 2001. The violations in DO may be attributed to natural conditions and the presence of an upstream beaver dam.	
	Sources: Source Unl	known	There was an observed effort for a single exceedance of the chronic chloride standard.	
TMDL Watershed Name:	Harris River			
TMDL Group ID:	01210			
VAT-C07E_HAR01A06	Harris River - Upper	HAMPTON CITY	South shore trib. to mainstem Back R. Adjacent to Fox Hill area. DSS shellfish condemnation # 054-215A (Effective 2004-06-02, previously in # 054-021G - effective 2002-06-25). CBP Segment MOBPH.	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.28 SQUARE MILES TMDL Gr	oup ID First Listed on 303(d) TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category	
Shellfishing		<b>210 2006 2010</b>	DSS shellfish condemnation # 054-215A (Effective 2004-06-02, previously in # 054-021G - effective 2002-06-25).	
	Sources: Source Uni	known		

Unit ID	Waterbody Name		City / Count	у*	Assessment Unit Description
Chesapeake Bay/Att	antic/Small Coastal Basi	ns			
TMDL Watershed Name:			Harwoods	Mill Reser	voir
TMDL Group ID:	01300				
VAT-C07L_POQ01A04	Harwood Mill Reservoir (PWS)		YORK CO		Harwood Mill Reservoir, portion of Poquoson River upstream of dam @ RM 5.7. PWS for York County.
VA Overall AU Category: <b>5A</b> Use	Impairment 258.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Copper	01300	2004	2016	The Aquatic Life impairment is carried from 2004 IR, due to water column copper exceedances of the acute criteria. Data supplied by USGS @ Station 01677850 - surface layer in September 2002. Exceedance of Cu freshwater acute criteria at violation rate of 100% (3 violates / 3 surface obs.).
	Sources	Municipal (Urbaniz Source Unknown	ed High Density Area)		
Wildlife	Copper	01300	2004	2016	The Wildlife impairment is related to the Aquatic Life impairment, and is carried from 2004 IR, due to water column copper exceedances of the acute criteria. Data supplied by USGS @ Station 01677850 - surface layer in September 2002. Exceedance of Cu freshwater acute criteria at violation rate of 100% (3 violates / 3 surface obs.).
	Sources	Municipal (Urbaniz Source Unknown	ed High Density Area)		
TMDL Group ID:	01438				
VAT-C07L_POQ01A04	Harwood Mill Reservoir (PWS)		YORK CO		Harwood Mill Reservoir, portion of Poquoson River upstream of dam $\textcircled{0}$ RM 5.7. PWS for York County.
VA Overall AU Category: <b>5A</b> Use	Impairment 258.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01438	2004		Impairment indicated at both stations (7-POQ005.72 & 7-POQ006.84) due to DO below criteria (minimum = 4.0 mg/l) at following respective violation rates (7-POQ005.72, bottom @ $16/23 = 69.6\%$ & 7-POQ006.84 total lake @ $6/28 = 21.4\%$ ). TSI calculation for 7-POQ005.72, (epilimnion) indicates impairment not due to anthropogenic sources { Category 4C} and Eutrophic Category = Mesotrophic (TSI $40-60$ ).
	Sources	Source Unknown			

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins TMDL Watershed Name: **Healy Creek** TMDL Group ID: 00194 VAP-C03E\_HEA01A02 **Healy Creek** MIDDLESEX CO Described in the VDH-DSS Shellfish Condemnation Notice 129, 3/3/1997. PIAMH. VA Overall AU Category: 5D **Impairment** 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Shellfishing **Fecal Coliform** 00194 1998 2005 Cat 4A for Shellfish. 00194 (SF) VAP-C03E-06 VDH-DSS Condemnation 129, 3/3/1997. This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 129, 3/3/1997. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A. Sources: Non-Point Source TMDL Group ID: 15007 MIDDLESEX CO Described in the VDH-DSS Shellfish Condemnation Notice 129, 2/26/1999. VAP-C03E HEA02A06 **Healy Creek** PIAMH.

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Shellfishing **Fecal Coliform** 15007 **1998 2018** 15007 (SF)

VAP-C03E-13

VDH-DSS SFC Notice 129, 2/26/1999.

The upper portion of Healy Creek was originally listed in 1998 based on VDH-DSS Shellfish Condemnation 129, 3/3/1997. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. Healy Creek condemnation area was later expanded. In the 2006 cycle, this segment was assessed as not supporting for the Shellfish Use.

Sources: Source Unknown

DRAFT 6/28/2006 Page 1568 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atl	antic/Small Coastal Basin	ıs	
TMDL Watershed Name:		Heywood Cre	eek
TMDL Group ID:	01022		
VAP-C06E_HEY01A98	Heywood Creek	GLOUCESTER CO	Described in the condemnation notice 044-054A, 4/16/2004.
			Size adjusted during 2006 cycle, although area did not change.
			МОВРН
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.06 SQUARE MILE Fecal Coliform	S TMDL Group ID First Listed on 303(d) TMDL Sch 01022 1998 2010	nedule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C06E-04
	Sources:	Source Unknown	VDH DSS Shellfish Condemnation 044-054A, 4/16/2004
TMDL Watershed Name:		Holden Cree	ek
TMDL Group ID:	00420		
VAT-C10E_HLD01A06	Holdens Creek - Upper	ACCOMACK CO	Located southeast of Joeys Neck area. From estuarine/riverine transition (end of tidal waters) downstream to 0.5 mi downstream of station @ 7-HLD002.67. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.03 SQUARE MILE	S TMDL Group ID First Listed on 303(d) TMDL Sch	nedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	00420 2006 2010	The Recreation Use is impaired ( 2 violate / 12 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since
	Sources:	Source Unknown	
TMDL Group ID:	01231		
VAT-C10E_HLD01A06	Holdens Creek - Upper	ACCOMACK CO	Located southeast of Joeys Neck area. From estuarine/riverine transition (end of tidal waters) downstream to 0.5 mi downstream of station @ 7-HLD002.67. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.03 SQUARE MILE	S TMDL Group ID First Listed on 303(d) TMDL Sch	nedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01231 <b>1998 2010</b> Source Unknown	Portion of DSS shellfish condemnation # 075-033.

DRAFT 6/28/2006 Page 1569 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Bas	ins	
TMDL Watershed Name:		Holden	Creek
TMDL Group ID:	76710		
VAT-C10E_HLD02A06	Holdens Creek - Lower	ACCOMACK CO	Located southeast of Joeys Neck area. From 0.5 mi downstream of station @ 7-HLD002.67 downstream to mouth. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.05 SQUARE MI	LES TMDL Group ID First Listed on 303(d) TM	IDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform		Portion of DSS shellfish condemnation # 075-033.
TMDL Watershed Name:		Holly Gro	ve Cove
TMDL Group ID:	00410		
VAT-C13E_HGC01A06	Holly Grove Cove	NORTHAMPTON CO	D Located near Wellington Neck. From end of tidal waters downstream to confluence with Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.14 SQUARE MI	LES TMDL Group ID First Listed on 303(d) TM	IDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform		DSS shellfish condemnation # 085-110C.
TMDL Watershed Name:		Holt C	reek
TMDL Group ID:	01468		
VAT-D05R_HLT01A04	Holt Creek	NORTHAMPTON CO	O Located east of Martins Siding. Segment from headwaters downstream to start of tidal waters.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.89 MILES	TMDL Group ID First Listed on 303(d) TM	IDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	01468 <b>2006 2</b>	The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by the Ecoli criteria impairment since threshold of 12 observations reached ( 3 violate / 12 obs.), with TMDL due date same as original FC impairment.
	Source	s: Source Unknown	, 12 obc.), with twise due date dame as original to impairment.

Assessment Unit ID	Waterbody Name	City / Count	<b>/</b> *	Assessment Unit Description
Chesapeake Bay/Atl	lantic/Small Coastal Basi	ins		
TMDL Watershed Name:		Holt Creek, U	named T	ributary
TMDL Group ID:	01470			
VAT-D05R_XDI01A04	Holt Creek Unnamed Tributary	NORTHAMPTON	СО	Located east of Martins Siding. Segment from Penn Central RR crossing near headwaters downstream to confluence with Holt Creek.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.38 MILES	TMDL Group ID First Listed on 303(d)	TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	01470 <b>2006</b>	2016	The Recreatiion Use is impaired due to exceedance of the criteria for Fecal Coliform ( 3 violates / 6 obs.) and Ecoli ( 2 violates / 3 obs.). Ecoli imapirment added with 2006 IR.
		Source Unknown		
Recreation	Fecal Coliform	01470 <b>2004</b>	2016	The Recreatiion Use is impaired due to exceedance of the criteria for Fecal Coliform ( 3 violates / 6 obs.) and Ecoli ( 2 violates / 3 obs.).
	Sources:	Source Unknown		
TMDL Watershed Name:		Horr	Harbor	
TMDL Group ID:	00960			
VAP-C01E_HHB01A98	Horn Harbor	NORTHUMBERLAI	ID CO	Described in the condemnation notice 013-089H, 4/16/2004. Area expanded for the 2006 cycle.
				СВ5МН.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.07 SQUARE MIL Fecal Coliform	ES TMDL Group ID First Listed on 303(d) 00960 <b>1998</b>	TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category 00960(SF)
Silemising	recai comorni	00900 1990	2010	VAP-C01E-07
				VDH-DSS Shellfish Condemnation Notice 013-089H, 4/16/2004.
	Sources:	Source Unknown		
TMDL Group ID:	01005			
VAP-C04E_HAH01A98	Horn Harbor	MATHEWS C		Described in the condemnation notice 039-026A, 3/18/2004.
				Segment shortened in 2006
				СВ6РН
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.05 SQUARE MIL Fecal Coliform	ES TMDL Group ID First Listed on 303(d) 01005 1998	TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-18
Shellfishing	recai comonii	01000 <b>1330</b>	2010	VDH-DSS SFC Number 039-026A, 3/18/2004
	Sources:	Source Unknown		13.1. 333 S. O Number 333 325/1, 5/10/2004

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basii	ıs	
TMDL Watershed Name:		Hungar Cre	ek, Upper
TMDL Group ID:	00427		
VAT-C14E_HUG01A00	Hungars Creek - Upper	NORTHAMPTON CO	Upper portion of Hungars Creek from end tidal waters downstream to Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.22 SQUARE MILE	S TMDL Group ID First Listed on 303(d) TMI	DL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform		The Recreation Use is impaired based on exceedance ( 5 violates / 9 obs.) of the Fecal Coliform bacteria criteria.
	Sources:	Source Unknown	
TMDL Group ID:	01241		
VAT-C14E_HUG01A00	Hungars Creek - Upper	NORTHAMPTON CO	Upper portion of Hungars Creek from end tidal waters downstream to Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136 A.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Fecal Coliform	S TMDL Group ID First Listed on 303(d) TM 01241 <b>1998 2</b> Source Unknown	DL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  O10 DSS shellfish direct harvesting condemnation # 086-136 A.
TMDL Watershed Name:		Hunting	Creek
TMDL Group ID:	76011		
VAT-C10E_HUN01A00	Hunting Creek - Upper	ACCOMACK CO	West of Town of Hopkins. Upper portion of creek, from headwaters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS condemnation # 077-138 B.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.19 SQUARE MILE	S TMDL Group ID First Listed on 303(d) TM	DL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus		The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 6 violates / 14 obs.).
	Sources:	Source Unknown	Gilleria ( O violates / 14 005.).
VAT-C10E_HUN02A06	Hunting Creek - Lower	ACCOMACK CO	West of Town of Hopkins. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 077-138.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.69 SQUARE MILE	S TMDL Group ID First Listed on 303(d) TM	DL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus		The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 6 violates / 14 obs.).
	Sources:	Source Unknown	S. 1014 ( 0 1104100 / 11 0001).

Assessment Unit ID	Waterbody Name		City / County	*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coasta	l Basins			
TMDL Watershed Name:			Hunting C	reek (#138	BC)
TMDL Group ID:	01232				
VAT-C10E_HUN01A00	Hunting Creek - Upper		ACCOMACK C	)	West of Town of Hopkins. Upper portion of creek, from headwaters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS condemnation # 077-138 B.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.19 SQ Fecal Coliform	DUARE MILES TMDL Group ID 01232 Sources: Source Unknown	First Listed on 303(d) <b>1998</b>	TMDL Schedule 2010	e Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish direct harvesting condemnation # 077-138 B.
TMDL Watershed Name:			India	n Creek	
TMDL Group ID:	00961				
VAP-C01E_IND01A98	Indian Creek, Pitmans Cove		LANCASTER C		Described in the condemnation notice 016-57A, 11/30/2000.
			NORTHUMBERLAND CO		СВ5МН.
VA Overall AU Category: <b>5A</b>					Pitmans Cove VAP-C01E_PIT01A98 and VAP-C01E_IND01A98 were incorporated into this segment, and were deleted in 2006.
Use		UARE MILES TMDL Group ID			
Shellfishing	Fecal Coliform	00961	1998	2010	00961 (SF)
					VAP-C01E-22
		Sources: Source Unknown			VDH-DSS Shellfish Condemnation Notice 016-57A, 11/30/2000.
TMDL Group ID:	15002				
VAP-C01E_IND01A98	Indian Creek, Pitmans Cove		LANCASTER C NORTHUMBERLAN		Described in the condemnation notice 016-57A, 11/30/2000. CB5MH.
					Pitmans Cove VAP-C01E_PIT01A98 and VAP-C01E_IND01A98 were incorporated into this segment, and were deleted in 2006.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.42 SQ	UARE MILES TMDL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	15002	2006	2018	15002 (Enterococci)
					VAP-C01E-29
		0			In 2006, this segment was not supporting for the recreation use due to an Enterococc violation rate of 5/16 at station 7-IND002.26.
		Sources: Source Unknown			

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins **Indian Creek** TMDL Watershed Name: TMDL Group ID: 15002 VAP-C01E\_IND02A98 **Indian Creek** LANCASTER CO Described in the condemnation notice 016-57B, 11/30/2000. NORTHUMBERLAND CO CB5MH. VA Overall AU Category: **Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Recreation 15002 2006 2018 Assessment information IND01A98: Enterococcus In 2006, the Enterococci violation rate was 5/16 at downstream station 7-IND002.26 Sources: Municipal Point Source Discharges Source Unknown TMDL Watershed Name: Jackson Creek TMDL Group ID: 00989 VAP-C03E JCK01A98 Jackson Creek MIDDLESEX CO Described in the condemnation notice 033-084A, 12/30/2004. Size increased in 2006 cycle. Segments JCK01B98 and JCK01C98 were incorporated into this segment, then deleted. PIAMH. VA Overall AU Category: Impairment Use 0.30 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00989 1998 2010 0989 (SF) VAP-C03E-08 VDH-DSS SFC Notice 033-084A, 12/30/2004. Area expanded during 2006 cycle to include entire Jackson Creek. Segments JCK01B98 and JCK01C98 were incorporated into JCK01A98, then deleted. Sources: Source Unknown Jacobus Creek - Middle and Forks TMDL Watershed Name: TMDL Group ID: 00408 NORTHAMPTON CO West of Johnsontown. Trib to Hungars Cr. Middle mainstem, north fork and VAT-C14E JAC02A06 Jacobus Creek - Middle and Forks lower portion of south fork. Portion of CBP segment CB7PH. DSS direct shellfish harvesting condemnation # 086-136 B. VA Overall AU Category: Use **Impairment** 0.29 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00408 1998 2010 DSS shellfish condemnation # 085-199 A. Sources: Source Unknown

DRAFT 6/28/2006 Page 1574 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Jarvis Creek	
TMDL Group ID:	00963		
VAP-C01E_JAR01A02	Jarvis Creek	NORTHUMBERLAND CO	As described in the condemnation notice 015-022F, 4/25/2003.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.07 SQUARE MILES TMDL Group Fecal Coliform 0096	p ID First Listed on 303(d) TMDL Schedo 3 <b>2002 2014</b>	CB5MH.  ule Impairment Specific Comments and/or Impairment Specific VA Category 00963 (SF)  VAP-C01E-30
	Sources: Source Unknown	nwo	VDH-DSS condemnation 015-022F, 4/25/2003.
TMDL Watershed Name:		Johnson Creek	(
TMDL Group ID:	15001		
VAP-C01E_JOH01A06	Johnson Creek	LANCASTER CO	Area as described in VDH-DSS SFC 016-24D 1/6/2004.
			СВ5МН
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.01 SQUARE MILES TMDL Ground 1500	p ID First Listed on 303(d) TMDL Schedu 1 <b>2006 2018</b>	15001 (SF)
			VAP-C01E-26
	Sources: Source Unknown	own	VDH-DSS Shellfish Condemnation Notice 016-24D, 1/6/2004.
TMDL Watershed Name:		Kelley Cove	
TMDL Group ID:	76555		
VAT-C13E_KLL01A06	Kelley Cove	NORTHAMPTON CO	In Occohonnock Neck near James Wharf, trib. to upper Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 A.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.02 SQUARE MILES TMDL Group  Fecal Coliform 7655  Sources: Source Unknown		ule Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish condemnation # 085-110 A.

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Kings Creek, Upper	Forks
TMDL Group ID:	01244		
VAT-C15E_KNS01A00	Kings Creek - Upper Forks	NORTHAMPTON CO	From end of tidal waters downstream to confluence of the two most upstream forks. Portion of CBP segment CB7PH. DSS condemnation # 088-139B.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.07 SQUARE MILES TMI  Fecal Coliform  Sources: Source	DL Group ID First Listed on 303(d) TMDL Schedu 01244 <b>1998 2010</b>	Impairment Specific Comments and/or Impairment Specific VA Category
TMDL Watershed Name:	300.000.	Lake Rudee	
l TMDL Group ID:	01477		
VAT-D07E_LAI01A06	Lake Rudee - Upper	VIRGINIA BEACH CITY	Lake Rudee, from end of Owl Creek downstream to approx. RM 0.4 (upstream of confluence of Lake Holly with Rudee Inlet canal). Portion of DSS shellfish condemnation # 073-074.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.09 SQUARE MILES TM	DL Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	01477 <b>2006 2016</b>	Recreation Use impaired due to Enterococcus bacteria concentrations exceeding ( 2 violates / 14 obs. ) the instantaneous swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by the Enterococcus bacteria criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment).
	Sources: Sourc	e Unknown	
TMDL Watershed Name:		Lake Rudee - Lower (Rudee	e Inlet Canal)
TMDL Group ID:	76566		
VAT-D07E_LAI02A06	Lake Rudee - Lower (Rudee Inlet Canal)	VIRGINIA BEACH CITY	Lower portion of Lake Rudee, including Rudee Inlet Canal. From RM 0.4 (upstream of confluence of Lake Holly with Rudee Inlet canal) downstream through Inlet canal to mouth. Portion of DSS shellfish condemnation # 073-074.
VA Overall AU Category: 5B Use Shellfishing	Impairment 0.03 SQUARE MILES TMI  Fecal Coliform  Sources: Source	DL Group ID First Listed on 303(d) TMDL Schedu 76566 <b>2006 2018</b> e Unknown	Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish condemnation # 073-074. Effective 1989-04-27.

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Lake Rudee - Upper

> TMDL Group ID: 76565

VAT-D07E\_LAI01A06 Lake Rudee - Upper VIRGINIA BEACH CITY Lake Rudee, from end of Owl Creek downstream to approx. RM 0.4

(upstream of confluence of Lake Holly with Rudee Inlet canal). Portion of

DSS shellfish condemnation # 073-074.

VA Overall AU Category:

**Impairment** Use

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Shellfishing **Fecal Coliform** 76565 2004 2018 DSS shellfish condemnation # 073-074. Effective 1989-04-27.

Sources: Source Unknown

TMDL Watershed Name: Lake Smith (Lower), (PWS Reservoir)

TMDL Group ID:

01444

Oxygen, Dissolved

VAT-C08L LAS02A02 Lake Smith - Lower (PWS)

NORFOLK CITY VIRGINIA BEACH CITY East of Norfolk Municipal Airport, south of Little Creek Reservoir, Begins above Norfolk SM1 station (approx RM 0.15) south of two branches near Rt 13 and ends at lake terminus south of Route 13 (RM 0.0). City of Norfolk

PWS.

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

56.00 ACRES

TMDL Group ID First Listed on 303(d) TMDL Schedule

01444

2004

2014

The Aquatic Life Use impairment is retained from the 2002 303d listing, due to dissolved oxygen concentration measurements (3 violates / 15 observations) below the minimum criteria (4.0 mg/L) within the observations at the City of Norfolk's SM1 station sampled during the current cycle.

Impairment Specific Comments and/or Impairment Specific VA Category

The Aquatic Life impairment is based on dissolved oxygen concentration measurements (3 violates / 15 observations) below the minimum criteria (4.0 mg/L) within the observations at the City of Norfolk's SM1 station. Segment originally listed impaired in 2002 IR due to DEQ station data @ 7-LAS000.06. Data at this DEQ station for 2006 IR showed use support (1 violate / 16 observations). However, the Aquatic Life Use impairment is retained from the 2002 303d listing, due to dissolved oxygen concentration measurements (3 violates / 15 observations) below the minimum criteria (4.0 mg/L) within the observations at the City of Norfolk's SM1 station sampled during the current cycle. With data reported from the station which was the basis for the impairment listing in 2002 IR (DEQ station data @ 7-LAS000.06) showing use support (1 violate / 16 observations) one violation from indicating impairment, there is insufficient data to recommend de-listing the previous impairment.

This lake is non-stratified.

The TSI evaluation is based on the DEQ station data due to the lack of parameter data at the City of Norfolk's SM1 station. The chlorophyll a (73), TP (79) and Secchi (70) TSIs exceeded the target value of 60, indicating anthropogenic (pollution) causes for the impairment.

Sources: Source Unknown

DRAFT 6/28/2006 Page 1577 of 2156

Assessment Unit ID	Waterbody Name	City / Count	ty* Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basin	$\boldsymbol{s}$	
TMDL Watershed Name:		Lake Trashmo	ore - Western Pond
TMDL Group ID:	76070		
VAT-C08L_MTL01A06	Lake Trashmore - Western Pond	VIRGINIA BEACH	H CITY Headwaters area of Thalia Cr. to Eastern Br. Lynnhaven River. Includes Western portion of dual ponds lake system, pond on eastern side of Mt. Trashmore is not included in VDH advisory.
VA Overall AU Category: <b>5A</b> Use	Impairment 54.00 ACRES	TMDL Group ID First Listed on 303(d)	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76070 <b>2006</b>	2018 The Fish Consumption Use is impaired based on the VDH fish consumption ban (for
Tion Condampton	1 05 111 1511 115540	2000	Carp) and advisory (for Yellow Perch) for PCBs fish tissue contamination issued 12/13/04. DEQ (CORE) monitoring at 7-LAW001.00 for fish tissue results exceeded DEQ-SV for Hg and PCBs.
	Sources: S	Source Unknown	<u> </u>
TMDL Group ID:	76600		
VAT-C08L_MTL01A06	Lake Trashmore - Western Pond	VIRGINIA BEACH	Headwaters area of Thalia Cr. to Eastern Br. Lynnhaven River. Includes Western portion of dual ponds lake system, pond on eastern side of Mt. Trashmore is not included in VDH advisory.
VA Overall AU Category: <b>5A</b> Use	Impairment 54.00 ACRES	TMDL Group ID First Listed on 303(d)	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	Mercury in Fish Tissue	76600 <b>2006</b>	The Fish Consumption Use is impaired based on the VDH fish consumption advisory (Carp and Largemouth Bass) for mercury and PCBs fish tissue contamination (issued 9/30/04 for Hg, 12/13/04 for PCBs) and DEQ (CORE) monitoring at 7-MTL000.20 for fish tissue results exceeded DEQ-SV for Hg and PCBs.
	Sources: S	Source Unknown	
TMDL Watershed Name:		Lake Wesley - L	Upstream Branches
TMDL Group ID:	76029		
VAT-D07E_LAE01A06	Lake Wesley - Upstream Branches	VIRGINIA BEACH	From start of both branches downstream to confluence with Rudee Inlet. Segment reflects status of station at mid-embayment. DSS shellfish condemnation # 073-074.
VA Overall AU Category: <b>5B</b> Use	Impairment 0.03 SQUARE MILES	3 TMDL Group ID First Listed on 303(d)	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform  Sources: 5	76029 <b>2006</b> Source Unknown	2018

Chasanaaka Ray/Atl			City / Count	ty*	Assessment Unit Description
Chesupeuke Duy/Aut	antic/Small Coastal Basin	ıs			
TMDL Watershed Name:			Lake \	Whitehurst	
TMDL Group ID:	76071				
VAT-C08L_LAW01A00	Lake Whitehurst - Majority of System (	PWS)	NORFOLK CI	ΤΥ	Located south of Little Creek Harbor. From Rt. 60 south to border of Norfolk Intl Airport. Minus portion of Azalea Garden Rd. cove. Overflow is downstream to Little Creek Cove/Harbor. City of Norfolk PWS.
VA Overall AU Category: <b>5A</b> Use	Impairment 457.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedul	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76071	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption ban (for Carp) and advisory (for Yellow Perch) for PCBs fish tissue contamination issued 12/13/04. DEQ (CORE) monitoring at 7-LAW001.00 for fish tissue results exceeded DEQ-SV for Hg and PCBs.
	Sources:	Source Unknown			
	Lake Whitehurst - Azalea Garden Rd Embayment (PWS)		NORFOLK CI	ΤΥ	Located south of Little Creek Harbor. Area of shallow embayment between Azalea Garden Rd east towards Norfolk Intl. Airport. Small middle portion of lake system. City of Norfolk PWS.
VA Overall AU Category: <b>5A</b> Use	Impairment 23.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedul	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	76071	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption ban (for Carp) and advisory (for Yellow Perch) for PCBs fish tissue contamination issued 12/13/04. DEQ (CORE) monitoring at 7-LAW001.00 for fish tissue results exceeded DEQ-SV for Hg and PCBs.
	Sources:	Source Unknown			
TMDL Group ID:	76601				
	Lake Whitehurst - Azalea Garden Rd Embayment (PWS)		NORFOLK CI	ΤΥ	Located south of Little Creek Harbor. Area of shallow embayment between Azalea Garden Rd east towards Norfolk Intl. Airport. Small middle portion of lake system. City of Norfolk PWS.
VA Overall AU Category: <b>5A</b> Use	Impairment 23.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedul	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	Mercury in Fish Tissue	76601	2006	2018	The Fish Consumption Use is impaired based on the VDH fish consumption ban (for Carp) and advisory (for Yellow Perch) for PCBs fish tissue contamination issued 12/13/04. DEQ (CORE) monitoring at 7-LAW001.00 for fish tissue results exceeded DEQ-SV for Hq and PCBs.
	Sources:	Source Unknown			

Assessment Unit ID	Waterbody Name		City / Count	<b>/</b> *	Assessment Unit Description
Chesapeake Bay/Atl	antic/Small Coastal Basi	ns			
TMDL Watershed Name:		Lake White	hurst - Azalea (	Garden Ro	d Embayment (PWS)
TMDL Group ID:	76005				
VAT-C08L_LAW02A06	Lake Whitehurst - Azalea Garden Rd Embayment (PWS)		NORFOLK CIT	Υ	Located south of Little Creek Harbor. Area of shallow embayment between Azalea Garden Rd east towards Norfolk Intl. Airport. Small middle portion of lake system. City of Norfolk PWS.
VA Overall AU Category: <b>5A</b> Use	Impairment 23.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	76005	2006	2018	The Aquatic Life Use impairment is due to dissolved oxygen concentration measurements (2 violates / 14 obs.) below the minimum criteria (4.0 mg/L) and pH concentration measurements (3 violates / 20 obs.) above the maximum criteria (9.0 SU) reported from monitoring observations at the City of Norfolk's (MUN-WH4) lake station sampled during the current cycle.
					Unable to perform TSI calculation as no data are available for needed parameters (sechi, TP, Chl a).
	Sources:	Source Unknown			
TMDL Group ID:	76006				
VAT-C08L_LAW02A06	Lake Whitehurst - Azalea Garden Rd Embayment (PWS)		NORFOLK CIT	Υ	Located south of Little Creek Harbor. Area of shallow embayment between Azalea Garden Rd east towards Norfolk Intl. Airport. Small middle portion of lake system. City of Norfolk PWS.
VA Overall AU Category: <b>5A</b> Use	Impairment 23.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Н	76006	2006	2018	The Aquatic Life Use impairment is due to pH concentration measurements (3 violates / 20 obs.) above the maximum criteria (9.0 SU) reported from monitoring observations at the City of Norfolk's (MUN-WH4) lake station sampled during the current cycle.
	Sources:	Source Unknown			
TMDL Watershed Name:			Lambs Creek	- Poquoso	on River
TMDL Group ID:	01221				
VAT-C07E_LMC01A04	Lambs Creek - Poquoson River		POQUOSON CITY YORK CO	CITY	South shore tributary to Poquoson R, west of Poquoson Shores. On border of Poquoson/York boundary. Between Moores Cr. and Roberts Cr to east. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MILE	ES TMDL Group ID	First Listed on 303(d)	TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01221	2006	2016	DSS Shellfish condemnation # 053-137 E (effective 2004-04-26).

DRAFT 6/28/2006 Page 1580 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basin	S	
TMDL Watershed Name:		Leatherberry Cre	ek
TMDL Group ID:	01237		
VAT-C11E_LTH01A00	Leatherberry Creek	ACCOMACK CO	Entire estuarine portion of creek. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-013C.
VA Overall AU Category: 5A Use Shellfishing	Fecal Coliform	TMDL Group ID First Listed on 303(d) TMDL Schedu 01237 1998 2010 Source Unknown	Impairment Specific Comments and/or Impairment Specific VA Category Portion of DSS shellfish condemnation # 081-013C.
TMDL Watershed Name:		Lees Cove	
TMDL Group ID:	00964		
VAP-C01E_LEE01A02	Lees Cove	LANCASTER CO	As described in the condemnation notice 016-24B, 1/6/2004.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	CB5MH  Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00964 <b>2002 2014</b>	00964 (SF)
			VAP-C01E-20
	Sources: S	Source Unknown	VDH-DSS condemnation 016-024B, 1/6/2004
TMDL Watershed Name:		Little Cat Creek	(
TMDL Group ID:	76018		
VAT-D02E_HOC01A06	Little Cat Creek	ACCOMACK CO	Located at SW tip of Wallops Isl. from confluence of Hog Cr. to Assawoman Inlet. Entirety of creek. DSS shellfish condemnation # 099-135B.
VA Overall AU Category: 5B Use Shellfishing	Fecal Coliform	TMDL Group ID First Listed on 303(d) TMDL Schedo 76018 <b>2006 2018</b> Source Unknown	Impairment Specific Comments and/or Impairment Specific VA Category

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description			
Chesapeake Bay/Atl	lantic/Small Coastal Basin	as .				
TMDL Watershed Name:		Little Creek Reservoir - Lower (PWS)				
TMDL Group ID:	76007					
VAT-C08L_LTR02A02	Little Creek Reservoir - Lower (PWS)	VIRGINIA BEACH CITY	Located south of Little Creek Amphibious Base. Segment begins RM 0.2 (south of two branches near Rt 60) ends at lake terminus @ route 60 (RM 0.0). City of Norfolk PWS.			
VA Overall AU Category: <b>5A</b> Use	Impairment 10.00 ACRES	TMDL Group ID First Listed on 303(d) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category			
Aquatic Life	Oxygen, Dissolved	76007 <b>2006 2018</b>	The Aquatic Life Use impairment is added for dissolved oxygen concentrations below the minimum criteria (4.0 mg/L) as reported by observations at the City of Norfolk's LC1 station (3 violates / 11 obs.) sampled during the current cycle.			
	Sources	Source Unknown	TSI Results [from 7-LTR000.04] All > 60 = Anthropogenic Source.			
TMDL Watershed Name:	Oddices.	Little Creek Reservoir ( Lower)	(DWS December)			
		Little Creek Reservoir ( Lower)	( (FW3 Reservoir)			
TMDL Group ID:	01445					
VAT-C08L_LTR02A02	Little Creek Reservoir - Lower (PWS)	VIRGINIA BEACH CITY	Located south of Little Creek Amphibious Base. Segment begins RM 0.2 (south of two branches near Rt 60) ends at lake terminus @ route 60 (RM 0.0). City of Norfolk PWS.			
VA Overall AU Category: <b>5A</b> Use	Impairment 10.00 ACRES	TMDL Group ID First Listed on 303(d) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category			
Aquatic Life	рН	01445 <b>2004 2014</b>	The Aquatic Life Use impairment for elevated pH (> 9.0 SU) is continued from the 2002 303d listing (9 violates / 21 obs. @ 7-LTR000.04; 2 violates / 18 obs. @ LC1).			
	Sources:	Source Unknown	2002 0000 nothing to violated / 21 000. @ / 211000.01, 2 violated / 10 000. @ 201/.			
TMDL Watershed Name:		Little Mosquito Creek	s, Lower			
TMDL Group ID:	01248					
VAT-D01E_LTM02A04	Little Mosquito Creek - Lower	ACCOMACK CO	From confluence of Snead Branch downstream to mouth. DSS shellfish harvesting condemnation # 100-032A.			
VA Overall AU Category: <b>5A</b> Use	Impairment 0.10 SQUARE MILE	S TMDL Group ID First Listed on 303(d) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category			
Shellfishing	Fecal Coliform  Sources:	01248 <b>1998 2010</b> Source Unknown	DSS shellfish harvesting condemnation # 100-032A under TMDL ID: VAT-D01E-14.			

DRAFT 6/28/2006 Page 1582 of 2156

Assessment Unit ID	Waterbody Name		City / Count	y*	Assessment Unit Description		
Chesapeake Bay/Att	lantic/Small Coastal Basins	5					
TMDL Watershed Name:		Little Mosquito Creek, Lower					
TMDL Group ID:	01454						
VAT-D01E_LTM01A06	Little Mosquito Creek - Upper		ACCOMACK (	O	From headwaters downstream to confluence of Snead Branch. Area of DSS (ADMINISTRATIVE-due to VPDES outfall @ VA0024457) condemnation 100-032B.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category		
Recreation	Enterococcus	01454	2006	2016	The Recreatiion Use is impaired due to exceedance of the criteria for Enterococci bacteria ( 2 violates / 15 obs.). The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.		
Sources: Source Unknown							
VAT-D01E_LTM02A04	Little Mosquito Creek - Lower		ACCOMACK C	CO	From confluence of Snead Branch downstream to mouth. DSS shellfish harvesting condemnation # 100-032A.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category		
Recreation	Enterococcus	01454	2004	2016	Recreation Use impaired ( 2 violates / 15 observations) due to Enterococcus concentrations exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment (TMDL ID: VAT-D01E-02).		
	Sources: S	ource Unknown					
TMDL Group ID:	01455						
VAT-D01E_LTM02A04	Little Mosquito Creek - Lower		ACCOMACK C	0	From confluence of Snead Branch downstream to mouth. DSS shellfish harvesting condemnation # 100-032A.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category		
Aquatic Life	Oxygen, Dissolved	01455	2004	2016	The 2004 IR DO impairment is retained until improvement can be confirmed in next assessment (2006 IR data showed 3 violates / 30 obs. = 10.0% violation rate).		
	Sources: S	ource Unknown			assessment (2000 in valid offered of violated) of observations (2000 finding).		

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins Little Neck Creek TMDL Watershed Name: TMDL Group ID: 01224 VAT-C08E\_LNC01A00 Little Neck Creek VIRGINIA BEACH CITY Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E CRY01A00, BBY01A00 & LON01A00). VA Overall AU Category: Use **Impairment** 0.33 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category **Fecal Coliform** 2004 Portion of DSS condemnation #071-025 C (balance in VAT-C08E LKN01A00 & 01224 1998 Shellfishing CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004. Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) **Natural Sources** Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems) TMDL Watershed Name: **London Bridge Creek** TMDL Group ID: 00182 VAT-C08E LOB01A00 **London Bridge Creek** VIRGINIA BEACH CITY Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E EBL01A00, WES01A00, LYN01A00). VA Overall AU Category: 5A **Impairment** Use 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category **Enterococcus** 00182 2006 2010 The Recreation Use is impaired due to exceedance (14 violates / 15 obs.) of the Recreation criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached. Sources: Source Unknown TMDL Group ID: 01225 VAT-C08E\_LOB01A00 **London Bridge Creek** VIRGINIA BEACH CITY Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E EBL01A00, WES01A00, LYN01A00). VA Overall AU Category: **Impairment** 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 01225 1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004. Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area)

DRAFT 6/28/2006 Page 1584 of 2156

**Natural Sources** 

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins TMDL Watershed Name: London Bridge Creek TMDL Group ID: 01225 Sources: Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems) London Bridge Creek and Canal #2 TMDL Watershed Name: TMDL Group ID: 01227 VAT-C08E XBO01A00 Canal No. 2 VIRGINIA BEACH CITY Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: 5A **Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) Use TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Recreation 01227 Enterococcus 2006 2010 The Recreation Use is impaired due to exceedance (10 violates / 14 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached. Sources: Source Unknown TMDL Watershed Name: Lynnhaven River TMDL Group ID: 00055 VAT-C08E EBL01A06 From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore Eastern Branch - Upper, Lynnhaven River VIRGINIA BEACH CITY embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E EBL01A00, LYN01A00). VA Overall AU Category: **Impairment** 0.70 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00055 1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004. Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area)

Natural Sources
Non-Point Source

On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

DRAFT 6/28/2006 Page 1585 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins TMDL Watershed Name: Lynnhaven River TMDL Group ID: 00055 VAT-C08E\_EBL02A06 Eastern Branch - Lower, Lynnhaven River VIRGINIA BEACH CITY From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E CRY01A00, LKN01A00 & LON01A00). VA Overall AU Category: Use **Impairment** 0.29 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E LYN01A06 & **Fecal Coliform** 00055 1998 Shellfishing WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004. Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) **Natural Sources** Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems) VAT-C08E LYN01A06 Lynnhaven River - Mainstem VIRGINIA BEACH CITY Tributary to shouth shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E EBL01A00, WES01A00). Effective 2003-12-11 VA Overall AU Category: **Impairment** Use 1.31 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category **Fecal Coliform** 00055 Portion of DSS condemnation #071-025 A (balance in VAT-C08E LYN01A06 & Shellfishing 1998 2004 WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004. Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) **Natural Sources** Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems) From the end of Thurston Branch downstream to Witch Duck Point, Portion VAT-C08E WES01A06 Western Branch - Upper, Lynnhaven River VIRGINIA BEACH CITY of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E EBL01A00, LYN01A00). Effective 2003-12-11. VA Overall AU Category: **Impairment** 0.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00055 1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E LYN01A06 &

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)

Municipal (Urbanized High Density Area)

Natural Sources Non-Point Source

On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

DRAFT 6/28/2006 Page 1586 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** Chesapeake Bay/Atlantic/Small Coastal Basins TMDL Watershed Name: Lynnhaven River TMDL Group ID: 00055 VAT-C08E\_WES02A06 Western Branch - Lower, Lynnhaven River VIRGINIA BEACH CITY From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E EBL01A00. LYN01A00). VA Overall AU Category: 5A **Impairment** 0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00055 1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004. Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) **Natural Sources** Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems) Unsegmented tidal tributaries in C09E-LYNPH VAT-C08E ZZZ01A00 Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting VIRGINIA BEACH CITY condemnation #071-025 A and C (balance in VAT-C08E\_EBL01A00, WES01A00, LYN01A00 & DEY01A00, LKN01A00 & CRY01A00). VA Overall AU Category: **Impairment** 1.63 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category 00055 Shellfishing **Fecal Coliform** 1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004. Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) **Natural Sources** Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems) TMDL Group ID: 01439 VAT-C08E EBL01A06 Eastern Branch - Upper, Lynnhaven River VIRGINIA BEACH CITY From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E EBL01A00, LYN01A00). VA Overall AU Category: **Impairment** 0.70 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Recreation Enterococcus 01439 2006 2016 The Recreation Use is impaired due to exceedance (2 violates / 13 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the

DRAFT 6/28/2006

Sources: Source Unknown

same TMDL due date as the FC impairment, since the threshold of 12 observations

has been reached.

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Lynnhaven River

TMDL Group ID: 01441

VAT-C08E\_WES01A06 Western Branch - Upper, Lynnhaven River VIRGINIA BEACH CITY From the end of Thurston Branch downstream to Witch Duck Point, Portion

> of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E EBL01A00, LYN01A00).

Effective 2003-12-11.

VA Overall AU Category: 5A

> Use **Impairment** 0.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2014 The Recreation Use is impaired due to exceedances (2 violates / 13 obs.) @ 7-01441 2006 Recreation Enterococcus

WES001.68 and (5 violates / 13 obs.) @ 7-WES002.58 of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been

reached.

Sources: Source Unknown

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID: 01781

VAT-C08E\_BBY01A06 VIRGINIA BEACH CITY **Broad Bay - Upper** 

Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct

harvesting condemnation # 071-025 C (balance in VAT-C08E\_DEY01A00,

\_LKN01A00 & \_CRY01A00).

VA Overall AU Category:

Life

**Impairment** 0.90 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life 01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

Oxygen, Dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic 01781 Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1588 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

Lynnhaven River Polyhaline Embayments TMDL Watershed Name:

TMDL Group ID:

01781

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E\_BBY02A06 **Broad Bay - Lower** VIRGINIA BEACH CITY Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven

River. Lower portion of bay. Portion of CBP segment LYNPH. DSS (OPEN) shellfish direct harvesting condemnation # 071-025.

VA Overall AU Category:

Use

**Impairment** 

0.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

01781 Aquatic Life Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

01781

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1589 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Sm	all Coastal Basins
--	------------	-----------------	--------------------

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

01781

VAT-C08E\_CRY01A00 **Crystal Lake** VIRGINIA BEACH CITY Includes Rainey Gut. Located in North Linkhorn Park area in Virginia

Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in

VAT-C08E DEY01A00, LKN01A00 & CRY01A00).

VA Overall AU Category: 5A

Use

**Impairment** 

0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Oxygen, Dissolved 01781 2006 Aquatic Life oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

01781

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Dey Cove/Mill Dam Creek VIRGINIA BEACH CITY Located attached to west shore of Broad Bay Colony area of VB. East of VAT-C08E DEY01A00

Lynnhaven River, Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-

C08E\_CRY01A00, \_LKN01A00 & \_LON01A00).

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

Oxygen, Dissolved

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01781

Impairment Specific Comments and/or Impairment Specific VA Category

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1590 of 2156

**Assessment** City / County\* **Assessment Unit Description Unit ID Waterbody Name** 

Chesapeake Bay/At	tlantic/Small Coastal I	Basins			
TMDL Watershed Name:	Lynnhaven River Polyhaline Embayments				
TMDL Group ID	01781				
	s	ources: Internal Nutrient Re Loss of Riparian Ha Municipal Point Sou Sources Outside St Wet Weather Disch Wet Weather Disch	ubitat irce Discharges ate Juristiction or arges (Non-Point	Source)	n of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01781	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	s	ources: Agriculture Atmospheric Depos Industrial Point Sou Internal Nutrient Re Loss of Riparian Ha Municipal Point Sou Sources Outside St Wet Weather Disch	rce Discharge cycling ibitat irce Discharges ate Juristiction or arges (Non-Point	Source)	n of Stormwater, SSO or CSO)
VAT-C08E_EBL01A06	Eastern Branch - Upper, Lynnhaven River		VIRGINIA BE	ACH CITY	From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.70 SQUA	RE MILES TMDL Group ID	First Listed on 30	03(d) TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01781	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	s	ources: Agriculture Atmospheric Depos Industrial Point Sou Internal Nutrient Re Loss of Riparian Ha	rce Discharge cycling		

Oxygen, Dissolved

Open-Water Aquatic

Life

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

01781

Sources: Agriculture

Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Page 1591 of 2156 DRAFT 6/28/2006

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Citcsupcuite Duy/11ttuitte/Dittuit Coustul Dustits	Chesapeake	Bay/	'Atlantic	<b>Small</b>	Coastal	<b>Basins</b>
--	------------	------	-----------	--------------	---------	---------------

Lynnhaven River Polyhaline Embayments TMDL Watershed Name:

TMDL Group ID:

01781

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E EBL02A06 From eastern shore embayment near Forest Hills downstream to Eastern Branch - Lower, Lynnhaven River VIRGINIA BEACH CITY

confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-

C08E CRY01A00, LKN01A00 & LON01A00).

VA Overall AU Category: 5A

> **Impairment** Use

0.29 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved Aquatic Life 01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

01781

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1592 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

01781

VAT-C08E\_LKN01A00 Linkhorn Bay VIRGINIA BEACH CITY Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River.

Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E\_CRY01A00, \_BBY01A00

& \_LON01A00).

VA Overall AU Category: 5A

Use Impairment 0.95 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

wet weather discharges (Fount Source and Combination of Stormwater, 350 of C50)

Open-Water Aquatic Oxygen, Dissolved

Life

01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E\_LNC01A00 Little Neck Creek VIRGINIA BEACH CITY Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP

segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E\_CRY01A00, \_BBY01A00 &

\_LON01A00).

VA Overall AU Category: 5/

Use Impairment 0.33 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1593 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

Life

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments TMDL Group ID: 01781

> Sources: Internal Nutrient Recycling Loss of Riparian Habitat

> > Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E\_LOB01A00 **London Bridge Creek** VIRGINIA BEACH CITY Entirety of creek, from headwaters near Shipps Corner downstream to Rt.

58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-

oxygen criteria for Open Water - Summer (CFD reference conditions using the

C08E EBL01A00, WES01A00, LYN01A00).

2/26/2006 CFD results supplied by CBPO).

VA Overall AU Category: **Impairment** 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

> 2/26/2006 CFD results supplied by CBPO). This segment was previously listed for DO impairment of minimum criteria (4.0 mg/l) under TMDL ID: VAT-C08E-05.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the Life 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1594 of 2156

**Assessment** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name:

Lynnhaven River Polyhaline Embayments

TMDL Group ID:

01781

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E\_LON01A00

**Long Creek** 

VIRGINIA BEACH CITY

Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11.

**Assessment Unit Description** 

VA Overall AU Category:

5A Use

**Impairment** 

0.27 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01781 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01781

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1595 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

Lynnhaven River Polyhaline Embayments TMDL Watershed Name:

TMDL Group ID: 01781

VAT-C08E\_LYN01A06 Lynnhaven River - Mainstem VIRGINIA BEACH CITY Tributary to shouth shore of Chesapeake Bay. Mainstem area near mouth.

> Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E EBL01A00,

WES01A00). Effective 2003-12-11

VA Overall AU Category: 5A

Life

Use **Impairment** 1.31 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Oxygen, Dissolved 01781 2006 Aquatic Life oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Thalia Creek/Thurston Branch VIRGINIA BEACH CITY Beginning of Thalia Creek (includes Thurston Branch) from headwaters VAT-C08E THA01A02 downstream to Western Br. Lynnhaven R. Portion of CBP segment

LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025

A (balance in VAT-C08E EBL01A00, LYN01A00).

VA Overall AU Category:

Use

**Impairment** 0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life 01781 2006 Oxygen, Dissolved 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1596 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Lynnhaven River Polyhaline Embayments

TMDL Group ID:

01781

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01781

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C08E\_WES01A06

Western Branch - Upper, Lynnhaven River

VIRGINIA BEACH CITY

From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E EBL01A00, LYN01A00).

VA Overall AU Category:

Use

**Impairment** 

0.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01781

2006

Effective 2003-12-11.

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01781

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1597 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

Lynnhaven River Polyhaline Embayments TMDL Watershed Name:

TMDL Group ID:

01781

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E WES02A06 Western Branch - Lower, Lynnhaven River VIRGINIA BEACH CITY From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting

condemnation #071-025 A (balance in VAT-C08E EBL01A00, LYN01A00).

VA Overall AU Category:

Use

**Impairment** 

0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01781 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1598 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

01781

Oxygen, Dissolved

VAT-C08E\_WNC01A00 West Neck Creek (Upper) to London Bridge

Creek

VIRGINIA BEACH CITY

From Princess Anne Rd. crossing downstream to junction with London Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH, No.

DSS shellfish direct harvesting condemnation.

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01781

Impairment Specific Comments and/or Impairment Specific VA Category

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved 2006 2010 oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). This segment was previously listed for DO impairment of minimum criteria (4.0 mg/l) under TMDL ID: VAT-C08E-05.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

01781

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E XBO01A00

Canal No. 2

VIRGINIA BEACH CITY

Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category:

**Impairment** Use

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01781

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). This segment was previously listed for DO

impairment of minimum criteria (4.0 mg/l) under TMDL ID: VAT-C08E-05.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1599 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Att	lantic/Small Coastal Bas	ins			
TMDL Watershed Name:		Lyn	nhaven River	Polyhaline	Embayments
TMDL Group ID:	01781				
	Sources	Wet Weather Discl	ecycling abitat urce Discharges state Juristiction or Bo harges (Non-Point So	ource)	n of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01781	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources		urce Discharge ecycling abitat		22202000 OF Direction Supplied by ODF C).
		Wet Weather Discl	harges (Point Source	and Combination	n of Stormwater, SSO or CSO)
VAT-C08E_ZZZ01A00	Unsegmented tidal tributaries in C09	E-LYNPH	VIRGINIA BEAC	CH CITY	Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A and C (balance in VAT-C08E_EBL01A00, WES01A00, _LYN01A00 & _DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 1.63 SQUARE MII	LES TMDL Group ID	First Listed on 303(	d) TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01781	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources	Wet Weather Discl	urce Discharge ecycling abitat urce Discharges state Juristiction or Bo harges (Non-Point So	ource)	n of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01781	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

Page 1600 of 2156 DRAFT 6/28/2006

2/26/2006 CFD results supplied by CBPO).

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

01781

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID:

76083

VAT-C08E\_BBY01A06

**Broad Bay - Upper** 

VIRGINIA BEACH CITY

Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E\_DEY01A00, LKN01A00 & CRY01A00).

VA Overall AU Category: **5A** 

Use

**Impairment** 

0.90 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76083 **2006 2010** 

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1601 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

VAT-C08E\_BBY02A06 Broad Bay - Lower VIRGINIA BEACH CITY Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven

River. Lower portion of bay. Portion of CBP segment LYNPH. DSS (OPEN)

shellfish direct harvesting condemnation # 071-025.

VA Overall AU Category: 54

Use Impairment

0.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76083 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E\_CRY01A00 Crystal Lake VIRGINIA BEACH CITY Includes Rainey Gut. Located in North Linkhorn Park area in Virginia

Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in

VAT-C08E\_DEY01A00, \_LKN01A00 & \_CRY01A00).

VA Overall AU Category: 5A

Use Impair

Impairment 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76083 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

DRAFT 6/28/2006 Page 1602 of 2156

Assessment Unit ID

Waterbody Name

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E DEY01A00

Dey Cove/Mill Dam Creek

VIRGINIA BEACH CITY

Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E\_CRY01A00, \_LKN01A00 & \_LON01A00).

VA Overall AU Category: 5A

Use

Impairment

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76083

2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

DRAFT 6/28/2006 Page 1603 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

Sources: Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76083 **2006** 

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E EBL01A06

Eastern Branch - Upper, Lynnhaven River

VIRGINIA BEACH CITY

From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VATC08E EBL01A00, LYN01A00).

VA Overall AU Category:

Use

Impairment

0.70 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76083

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76083

2006

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

DRAFT 6/28/2006 Page 1604 of 2156

Assessment Unit ID

Waterbody Name City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Lynnhaven River Polyhaline Embayments** 

TMDL Group ID:

76083

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E EBL02A06

Eastern Branch - Lower, Lynnhaven River

VIRGINIA BEACH CITY

From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E CRY01A00, LKN01A00 & LON01A00).

VA Overall AU Category:

Use

Impairment

0.29 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aguatic Life

Aquatic Plants (Macrophytes)

76083 **2006** 

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76083

2006

2010

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1605 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins
------------	--------------------	----------------

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

VAT-C08E\_LKN01A00 Linkhorn Bay VIRGINIA BEACH CITY

Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E\_CRY01A00, \_BBY01A00 & LON01A00).

VA Overall AU Category:

Use Impair

Impairment 0.95 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76083 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1606 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID: 76083

VAT-C08E\_LNC01A00 Little Neck Creek VIRGINIA BEACH CITY Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP

segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E CRY01A00, BBY01A00 &

LON01A00).

VA Overall AU Category: 5A

Use Impairment 0.33 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76083 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76083 **2006** 

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1607 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

VAT-C08E\_LOB01A00 London Bridge Creek VIRGINIA BEACH CITY Entirety of creek, from headwaters near Shipps Corner downstream to Rt.

58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-

C08E EBL01A00, WES01A00, LYN01A00).

VA Overall AU Category: 5A

Use Impairment

npairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Aquatic Life Aquatic Plants (Macrophytes) 76083 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E\_LON01A00 Long Creek VIRGINIA BEACH CITY Northern shore

Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025

B. Effective 2003-12-11.

VA Overall AU Category: 5A

Use

Impairment 0.27

0.27 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Aquatic Life Aquatic Plants (Macrophytes) 76083 2006 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

Sources: Agriculture

DRAFT 6/28/2006 Page 1608 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

#### Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E LYN01A06

Lynnhaven River - Mainstem

VIRGINIA BEACH CITY

Tributary to shouth shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E\_EBL01A00, WES01A00). Effective 2003-12-11

VA Overall AU Category: 5A

Use

Impairment

1.31 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76083

2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

DRAFT 6/28/2006 Page 1609 of 2156

**Assessment** Assessment Unit Description City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

Lynnhaven River Polyhaline Embayments TMDL Watershed Name:

TMDL Group ID:

76083

Sources: Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76083 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E THA01A02

Thalia Creek/Thurston Branch

VIRGINIA BEACH CITY

Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E\_EBL01A00, \_LYN01A00).

VA Overall AU Category:

Use

**Impairment** 

0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76083 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

DRAFT 6/28/2006 Page 1610 of 2156

Assessment Unit ID

Waterbody Name

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E\_WES01A06

Western Branch - Upper, Lynnhaven River

VIRGINIA BEACH CITY

From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E\_EBL01A00, LYN01A00). Effective 2003-12-11.

VA Overall AU Category:

Use

Impairment

0.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76083 **2006** 

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1611 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins
------------	--------------------	----------------

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

VAT-C08E\_WES02A06 Western Branch - Lower, Lynnhaven River VIRGINIA BEACH CITY

BEACH CITY From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting

condemnation #071-025 A (balance in VAT-C08E EBL01A00, LYN01A00).

VA Overall AU Category:

Use

5A

Impairment

0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76083 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1612 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

VAT-C08E\_WNC01A00 West Neck Creek (Upper) to London Bridge

Creek

VIRGINIA BEACH CITY

From Princess Anne Rd. crossing downstream to junction with London Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH, No.

DSS shellfish direct harvesting condemnation.

VA Overall AU Category: 5A

Use **Impairment** 

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Aquatic Life Aquatic Plants (Macrophytes)

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

76083

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76083

2006

2006

2010

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E\_XBO01A00 Canal No. 2 VIRGINIA BEACH CITY

Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting

VA Overall AU Category: Use

5A

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76083

2006

2010

condemnation.

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

DRAFT 6/28/2006 Page 1613 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Lynnhaven River Polyhaline Embayments

TMDL Group ID:

76083

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76083

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C08E ZZZ01A00

Unsegmented tidal tributaries in C09E-LYNPH

VIRGINIA BEACH CITY

Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A and C (balance in VAT-C08E EBL01A00, WES01A00, LYN01A00 & DEY01A00, LKN01A00 & CRY01A00).

VA Overall AU Category: 5A

Use

**Impairment** 

1.63 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76083

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1614 of 2156

2006

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

Lynnhaven River Polyhaline Embayments TMDL Watershed Name:

TMDL Group ID:

76083

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76083 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name: Lyons Creek - Upper

TMDL Group ID:

01749

Lyons Creek - Upper VAT-C07E LYO01A06

POQUOSON CITY CITY

South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS Shellfish

condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category:

Use

**Impairment** 

0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Shellfishing **Fecal Coliform**  01749 2006 2018

DSS Shellfish condemnation # 053-137 E (effective 2004-04-26).

**Magothy Bay** TMDL Watershed Name:

TMDL Group ID:

01471

VAT-D06E MAG01A04 **Magothy Bay**  NORTHAMPTON CO

Located northeast of Cedar Grove. Segment 0.1 mi. area adjacent to station at Cushmans Landing. No DSS shellfish condemnation.

VA Overall AU Category: 5A

Use

Impairment

0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01471

2016 2004

The Aquatic Life use is impaired ( 4 violates / 21 obs.) due to dissolved oxygen

concentrations below the criteria minimum (4.0 mg/l).

Sources: Source Unknown

Sources: Source Unknown

DRAFT 6/28/2006 Page 1615 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basins		
TMDL Watershed Name:		Matchotank Creek -	Upper
TMDL Group ID:	00286		
VAT-C11E_MTC01A06	Matchotank Creek - Upper	ACCOMACK CO	South of Broadway Neck area. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 080-169 (Effective 2004-01-13).
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.09 SQUARE MILES TMDL Group II  Fecal Coliform 00286  Sources: Source Unknown	2006 2018	Lile Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish conedmnation # 080-169 (Effective 2004-01-13).
TMDL Watershed Name:		Mattawoman Cre	ek
TMDL Group ID: VAT-C14E_MAT01A06	00406 Mattawoman Creek - Upper	NORTHAMPTON CO	South of Wilsonia Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136 C.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.22 SQUARE MILES TMDL Group II  Fecal Coliform 00406  Sources: Source Unknown	D First Listed on 303(d) TMDL Schedu 1998 2010	Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish condemnation # 085-199 A.
TMDL Watershed Name:		McLean Gut	
TMDL Group ID:	00390		
VAT-C13E_NAN03A00	Nandua Creek - McLean Gut	ACCOMACK CO	Southwest of Fairview Neck area. Shouth shore tributary of middle Nandua Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 082-160 C.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.05 SQUARE MILES TMDL Group II  Fecal Coliform 00390  Sources: Source Unknown	D First Listed on 303(d) TMDL Schedu 1998 2010	ule Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish condemnation # 082-160 C.
TMDL Watershed Name:		Messongo Cree	k
TMDL Group ID:	01233		
VAT-C10E_MES01A06	Messongo Creek - Upper	ACCOMACK CO	Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi downstream of Rt 690 crossing. Portion of CBP segment POCMH. Upstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TMDL Group II	First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform 01233 Sources: Source Unknown	1998 2010	DSS shellfish direct harvesting condemnation # 076-167 A.

DRAFT 6/28/2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basi	ins	
TMDL Watershed Name:		Messongo Cree	k
TMDL Group ID:	01233		
VAT-C10E_MES02A06	Messongo Creek - Middle	ACCOMACK CO	Located southeast of Saxis. From 0.4 mi downstream of Rt 690 crossing, downstream to end of DSS condemnation near Town of Belinda. Portion of CBP segment POCMH. Downstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.27 SQUARE MIL	ES TMDL Group ID First Listed on 303(d) TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01233 <b>1998 2010</b> Source Unknown	DSS shellfish direct harvesting condemnation # 076-167 A.
TMDL Watershed Name:		Messongo Creek Mesohaline	Embayments
TMDL Group ID:	01780		
VAT-C10E_MES01A06	Messongo Creek - Upper	ACCOMACK CO	Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi downstream of Rt 690 crossing. Portion of CBP segment POCMH.  Upstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MIL	ES TMDL Group ID First Listed on 303(d) TMDL Schedu	
Aquatic Life	Oxygen, Dissolved	01780 <b>2006 2010</b>	The Aquatic Life Use is impaired based on retention of the 1998 listing for exceedance of the dissolved oxygen instantaneous minimum criteria effective this date. The previous DO impairment (VAT-C10E-05) from site specific monitoring is carried from previous data collected during the 1998 cycle of the 303d report. The impairment is part of the July 1999 EPA Consent Decree (Attachment C & Attachment A, Category 1, Part 2).
	Sources:	Natural Conditions - Water Quality Standards Use Attains Source Unknown	
TMDL Watershed Name:		Messongo Creek, U	pper
TMDL Group ID:	00421		
VAT-C10E_MES01A06	Messongo Creek - Upper	ACCOMACK CO	Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi downstream of Rt 690 crossing. Portion of CBP segment POCMH. Upstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MIL	ES TMDL Group ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00421 <b>1998 2010</b>	The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria, which is carried from previous data collected during the 1998 cycle of the 303d report. The impairment is part of the July 1999 EPA Consent Decree
	Sources:	Source Unknown	(Attachment C & Attachment A, Category 1, Part 2).

DRAFT 6/28/2006

Waterbody Name	City / County*	Assessment Unit Description
lantic/Small Coastal Basins		
	Miles Creek	
01008		
Miles Creek	MATHEWS CO	Described in VDH Condemnation Notice 041-212A, 9/15/2004.
		МОВРН
		ule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-29
Sources: Source Unkno	wn	VDH Condemnation Notice 041-212A, 9/15/2004
	Milford Haven	
01009		
Milford Haven	MATHEWS CO	Described in the condemnation notice 037-099D, 4/28/2004.
		PIAMH  ule Impairment Specific Comments and/or Impairment Specific VA Category  VAP-C04E-02  VDH-DSS SFC Number 037-099D, 4/28/2004
Sources: Source Unknown	wn	VDI1-D33-31 C Nulliber 037-099D, 4/20/2004
10114		
Milford Haven	MATHEWS CO	Described in the condemnation notice 037-099D, 4/28/2004.
		PIAMH  ule Impairment Specific Comments and/or Impairment Specific VA Category  VAP-C04E-17 (Enterococci)  Milford Haven from The Narrows to the mouth was assessed as not supporting the Recreation Use during the 2006 cycle due to an enterococci violation rate of 2/9 at 7- MLF002.45. Further monitoring is recommended to confirm the impairment due to the small data set and an acceptable fecal coliform violation rate (0/23.)
Sources: Source Unknown	wn	Sinan vala set and an acceptable recal comorni violation rate (0/25.)
	Impairment 0.03 SQUARE MILES TMDL Group Fecal Coliform 01008  Sources: Source Unknown  O1009  Milford Haven  Impairment 0.03 SQUARE MILES TMDL Group Fecal Coliform 01008  Sources: Source Unknown  10114  Milford Haven  Impairment 0.03 SQUARE MILES TMDL Group Fecal Coliform 01008  Sources: Source Unknown  10114  Milford Haven  Impairment 0.03 SQUARE MILES TMDL Group Enterococcus 10114	Miles Creek  01008  Miles Creek  01008  Miles Creek  MATHEWS CO  Impairment  0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Sched Fecal Coliform  01008  Milford Haven  01009  Milford Haven  01009  Milford Haven  01009  MATHEWS CO  Impairment  0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Sched Fecal Coliform  01009  Sources: Source Unknown  10114  Milford Haven  0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Sched MATHEWS CO  Impairment  0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Sched MATHEWS CO

DRAFT 6/28/2006 Page 1618 of 2156

Chesapeake Bay/Atlantic/Small  TMDL Watershed Name:  TMDL Group ID:  VAP-C04E_MLF02A98  Milford Haven		Milford Haver	
TMDL Group ID: 1011	4	Milford Haver	
	4		
VAP-C04E_MLF02A98 Milford Haven			
		MATHEWS CO	Described in the condemnation notice 037-099E, 4/28/2004.
			Size adjusted in 2006, although area did not change
			PIAMMH
VA Overall AU Category: 5A Use Impairment Recreation Enterococc	0.03 SQUARE MILES TMDL Group ID tus 10114	First Listed on 303(d) TMDL Scheo 2006 2018	lule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-17
			Milford Haven from The Narrows to the mouth was assessed as not supporting the Recreation Use during the 2006 cycle due to an enterococci violation rate of 2/9 at 7-MLF002.45. Further monitoring is recommended to confirm the impairment due to the small data set and an acceptable fecal coliform violation rate (0/23.)
	Sources: Source Unknown		
VAP-C04E_MLF03A00 Milford Haven		MATHEWS CO	Downstream of SFC037-099E, 4/28/2004 except as otherwise segmented.
			PIAMH
VA Overall AU Category: <b>5A</b> Use Impairment	1.43 SQUARE MILES TMDL Group ID	First Listed on 303(d) TMDL Scheo	lule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation Enterococc	eus 10114	2006 2018	VAP-C04E-17
			Milford Haven from The Narrows to the mouth was assessed as not supporting the Recreation Use during the 2006 cycle due to an enterococci violation rate of 2/9 at 7-MLF002.45. Further monitoring is recommended to confirm the impairment due to the small data set and an acceptable fecal coliform violation rate (0/23.)
	Sources: Source Unknown		
TMDL Watershed Name:		Mill Creek	
TMDL Group ID: 0043	33		
VAT-D06R_MCR01A00 Mill Creek		NORTHAMPTON CO	Located north of Capeville. Segment begins at the start of Mill Creek upstream of Penn central RR crossing and ends downstream of Rt 600 at the beginning of the impoundment upstream of tidal waters.
VA Overall AU Category: <b>5A</b> Use Impairment	2.04 MILES TMDL Group ID	First Listed on 303(d) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life Oxygen, Disso	<b>olved</b> 00433	1998 2010	The Aquatic Life use is impaired due to dissolved oxygen concentrations ( 8 violates / 17 obs.) below the criteria minimum ( 4.0 mg/l ).
	Sources: Source Unknown		( 12 13 17 17 17 17 17 17 17 17 17 17 17 17 17

DRAFT 6/28/2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mill Creek	
TMDL Group ID:	00966		
VAP-C01E_MIL01A98	Mill Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-123A, 8/3/2004.
			The area expanded for 2006.
			CB5MH.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.47 SQUARE MILES TMI  Fecal Coliform	DL Group ID First Listed on 303(d) TMDL Schedul 00966 1998 2010	Impairment Specific Comments and/or Impairment Specific VA Category 00966 (SF)
- -			VAP-C01E-12
			VDH-DSS Shellfish Condemnation Notice 014-123A, 8/3/2004. The condemnation area expanded in the 2006 cycle.
	Sources: Source	Unknown	
TMDL Group ID:	01472		
VAT-D06R_MCR01A00	Mill Creek	NORTHAMPTON CO	Located north of Capeville. Segment begins at the start of Mill Creek upstream of Penn central RR crossing and ends downstream of Rt 600 at the beginning of the impoundment upstream of tidal waters.
VA Overall AU Category: <b>5A</b> Use	Impairment 2.04 MILES TMI	DL Group ID First Listed on 303(d) TMDL Schedul	lle Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01472 <b>2004 2016</b>	The Recreatiion Use is impaired due to exceedance ( 2 violates / 17 obs.) of the criteria for Fecal Coliform bacteria.
	Sources: Source	e Unknown	and a for recal comount success.
TMDL Group ID:	01473		
VAT-D06R_MCR01A00	Mill Creek	NORTHAMPTON CO	Located north of Capeville. Segment begins at the start of Mill Creek upstream of Penn central RR crossing and ends downstream of Rt 600 at the beginning of the impoundment upstream of tidal waters.
VA Overall AU Category: <b>5A</b> Use	Impairment 2.04 MILES TMI	DL Group ID First Listed on 303(d) TMDL Schedul	lle Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	рН	01473 <b>1998 2010</b>	The Aquatic Life use is impaired due to pH concentrations ( 6 violates / 17 obs.) below the criteria minimum (6.0 SU).
	Sources: Source	e Unknown	the offeria minimum (0.0 00).

DRAFT 6/28/2006 Page 1620 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Tribu	utaries
TMDL Group ID	15000		
VAP-C01E_ANT01A98	Antipoison Creek	LANCASTER CO	Described in the condemnation notice 017-188A, 7/13/2004.
			Size extended in 2006 cycle, and now incorporates old segment ANT02A00, which was deleted
			СВ5МН
VA Overall AU Category: <b>5A</b> Use	Impairment 0.44 SQUARE MILES TMD	L Group ID First Listed on 303(d) TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDF Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	
/AP-C01E_BAL01A02	Ball Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-124B, 5/15/2001.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES TMD	L Group ID First Listed on 303(d) TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 2006 2018	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDF Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	
/AP-C01E_BAL02A02	Ball Creek	NORTHUMBERLAND CO	From VDH-DSS SFC 014-124B, 5/15/2001, downstream to its mouth.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.17 SQUARE MILES TMD	L Group ID First Listed on 303(d) TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDF Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	

DRAFT 6/28/2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Tr	ibutaries
TMDL Group ID:	15000		
VAP-C01E_BAR01A98	Barrett Creek	NORTHUMBERLAND CO	Described in the condemnation notice, 013-089D, 4/16/2004. Area expanded during 2006 cycle.
			CB5MH.
VA Overall AU Category: 5A Use Fish Consumption	Impairment 0.10 SQUARE MILES TMDL Group PCB in Fish Tissue 15000	D ID First Listed on 303(d) TMDL Sche	edule Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
rion concumption	10000	2010	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unkno	wn	
VAP-C01E_BLS01A02	Balls Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089B, 4/16/2004.
			Size expanded in 2006 cycle. Segment BLS02A04 was incorporated into this segment, then was deleted.
			CB5MH.
VA Overall AU Category: 5A Use Fish Consumption	Impairment 0.18 SQUARE MILES TMDL Group PCB in Fish Tissue 15000	D ID First Listed on 303(d) TMDL Sche	edule Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
1 isii oonsumpton	10000	2000 2010	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unkno	wn	Cooking the state of the state
VAP-C01E_BMC01A04	Betts Mill Creek	NORTHUMBERLAND CO	Described in the VDH Shellfish Condemnation 013-089I, 4/16/2004.
			CB5MH.
VA Overall AU Category: 5A Use Fish Consumption	Impairment 0.08 SQUARE MILES TMDL Group PCB in Fish Tissue 15000	D ID First Listed on 303(d) TMDL Sche	edule Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unkno	wn	

DRAFT 6/28/2006 Page 1622 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	Itlantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	utaries
TMDL Group I	D: 15000		
VAP-C01E_CLE01A98	Cloverdale Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-124A, 5/15/2001.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES TMDL Group	p ID First Listed on 303(d) TMDL Schedu	
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unkno	wn	
VAP-C01E_CLE02A06	Cloverdale Creek	NORTHUMBERLAND CO	Downstream of condemnation notice 014-124A, 5/15/2001.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.06 SQUARE MILES TMDL Grou	p ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 15000	<b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

DRAFT 6/28/2006 Page 1623 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Tri	butaries
TMDL Group ID:	15000		
VAP-C01E_COC01A98	Cockrell Creek	NORTHUMBERLAND CO	As described in VDH-DSS Shellfish Condemnation No. 012-002B, 11/15/2004.
			Merged segment COC02A98 into this segment in 2006, then deleted it. Area adjusted.
			СВ5МН.
			Size adjusted 2006.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.61 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Scher	
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
			Fish tissue analysis at DEQ station 7-COC000.40 indicated there were observed effects for PCBs in croaker. In addition, there were observed effects for arsenic the fish tissue of croaker and blue crab, however this was not an impairing cause.
	Sources: Source Unknow	/n	
VAP-C01E_COC03A98	Cockrell Creek	NORTHUMBERLAND CO	Described in the condemnation notice. VDH-DSS SFC No. 012-002C, 11/15/2004.
			СВ5МН.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.04 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Schee	dule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknow	'n	, , ,

DRAFT 6/28/2006 Page 1624 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	utaries
TMDL Group ID:	15000		
VAP-C01E_COC04A98	Cockrell Creek	NORTHUMBERLAND CO	From the downstream boundary of VDH-DSS Condemnation Notice 012-002A & C, 11/15/2004, to the mouth.
			Area decreased in 2006 cycle.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.43 SQUARE MILES TMDL Group II PCB in Fish Tissue 15000	D First Listed on 303(d) TMDL Schedu 2006 2018	lle Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
·			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
			Fish tissue analysis at DEQ station 7-COC000.40 indicated there were observed effects for PCBs in croaker. In addition, there were observed effects for arsenic the fish tissue of croaker and blue crab. This was not an impairing cause.
	Sources: Source Unknown		
VAP-C01E_COC05A06	Cockrell Creek	NORTHUMBERLAND CO	From VDH-DSS SFC No. 012-002A, 11/15/2004, downstream to mouth at Fleet Point.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.19 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown		

DRAFT 6/28/2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	utaries
TMDL Group ID:	15000		
VAP-C01E_CRN01A06	Cranes Creek	NORTHUMBERLAND CO	Described in VDH-DSS (Seasonal) Shellfish Condemnation 013-089-M3, 4/16/2004.
			СВ5МН.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TMDL Gro	up ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 1500	00 <b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unkr	own	
VAP-C01E_CRN01B06	Cranes Creek	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 013-089-M4, 4/16/2004.
			СВ5МН.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TMDL Gro	up ID First Listed on 303(d) TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 1500	<b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unkr	own	
VAP-C01E_DIV01A98	Dividing Creek	NORTHUMBERLAND CO	Described in the VDH-DSS SF condemnation notice 015-022A, 4/25/2003.
			CB5MH.
			This segment decreased in size for 2006; Lawrence Cove was separated into segment LRC01A06.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.23 SQUARE MILES TMDL Gro	up ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 1500		15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unkr	own	

DRAFT 6/28/2006 Page 1626 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	tlantic/Small Coastal Basin	us	
TMDL Watershed Name:		Mobjack Bay and <sup>-</sup>	Tributaries
TMDL Group I	15000		
VAP-C01E_DIV03A00	Dividing Creek	NORTHUMBERLAND CO	From the downstream limit of VDH-DSS SFC 015-22A, 4/25/2003, to the mouth at Chesapeake Bay.
			СВ5МН.
			Size adjusted in 2006 cycle due a reduction in size of the upstream condemnation.
VA Overall AU Category: 5A Use Fish Consumption		S TMDL Group ID First Listed on 303(d) TMDL S 15000 <b>2006 2018</b>	
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown	
VAP-C01E_DVN01A04	Davenport Creek	LANCASTER CO	Described in VDH Shellfish Condemnation 017-188B, 7/13/2004
			CB5MH
VA Overall AU Category: <b>5A</b> Use		S TMDL Group ID First Listed on 303(d) TMDL S	Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown	, , , .
VAP-C01E_DYM01A98	Dymer Creek	LANCASTER CO	Described in the condemnation notice 016-24A, 1/6/2004. Area expanded in 2006 cycle.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use		S TMDL Group ID First Listed on 303(d) TMDL S	ichedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown	

DRAFT 6/28/2006 Page 1627 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	outaries
TMDL Group ID.	15000		
VAP-C01E_DYM02A00	Dymer Creek	LANCASTER CO	Dymer Creek downstream of VDH-DSS SFC 016-24A 1/6/2004, unless otherwise segmented.
VA Overall AU Category: <b>5A</b>			СВ5МН
Use		Group ID First Listed on 303(d) TMDL Schedu	
Fish Consumption	PCB in Fish Tissue	<b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	
VAP-C01E_DYM03A06	Dymer Creek	LANCASTER CO	Mouth of Dymer Creek at Grog Island
			СВ5МН.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES TMDI	. Group ID First Listed on 303(d) TMDL Schedi	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption		15000 2006 2018	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	
VAP-C01E_FLB01A00	Fleets Bay	LANCASTER CO NORTHUMBERLAND CO	Fleets Bay north of Bluff Point at Barnes Creek south to Fleets Island.
			CB5MH.
VA Overell All Cohegens EA			Size adjusted in 2006 cycle.
VA Overall AU Category: <b>5A</b> Use	Impairment 5.21 SQUARE MILES TMDL	Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	

DRAFT 6/28/2006 Page 1628 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Tribu	utaries
TMDL Group ID:	15000		
VAP-C01E_GEO01A98	Georges Cove	LANCASTER CO	Described in the condemnation notice 016-24C, 1/6/2004. The area expanded in the 2006 cycle.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use  Sinh Opposition		DL Group ID First Listed on 303(d) TMDL Schedule	
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	15000 (PCBs),
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	
VAP-C01E_GOU01A06	Gougher Creek	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 013-089E, 4/16/2006. Area expanded in 2006 cycle.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.03 SQUARE MILES TMD	DL Group ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
VAP-C01E_GWR01A98	Great Wicomico River	NORTHUMBERLAND CO	Described in the condemnation notice 013-089A, 4/16/2004.
			СВ5МН
			Size increased in 2004 cycle.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.55 SQUARE MILES TMD	DL Group ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	

DRAFT 6/28/2006 Page 1629 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Mobjack Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 15000 VAP-C01E\_GWR02A00 **Great Wicomico River** NORTHUMBERLAND CO From VDH-DSS SFC No. 013-089A, 4/16/2004, downstream to Rogue Point. CB5MH. Size adjusted in 2006 cycle. VA Overall AU Category: **Impairment** Use 2.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category **PCB** in Fish Tissue 15000 Fish Consumption 2006 2018 15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. This segment of the Great Wicomico River was also considered impaired for the Fish Consumption Use due to elevated levels of PCBs found in the fish tissue of Gizzard Shad and Croaker at DEQ station 7-GWR007.97. Sources: Source Unknown VAP-C01E\_GWR02B06 **Great Wicomico River** NORTHUMBERLAND CO As described in VDH-DSS Shellfish Condemnation No. 013-089M1, 4/16/2004. CB5MH. VA Overall AU Category: Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 15000 (PCBs) VAP-C01E-17 Assessment information from VAP-C01E GWR02A00 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

DRAFT 6/28/2006 Page 1630 of 2156

Sources: Source Unknown

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Mobjack Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 15000 VAP-C01E\_GWR02C06 **Great Wicomico River at Coles Creek** NORTHUMBERLAND CO As described in VDH-DSS Shellfish Condemnation No. 013-089M2, 4/16/2004. СВ5МН. VA Overall AU Category: 5A Use **Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 15000 2006 2018 15000 (PCBs) **PCB** in Fish Tissue Fish Consumption VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. This segment of the Great Wicomico River was also considered impaired for the Fish Consumption Use due to elevated levels of PCBs found in the fish tissue of Gizzard Shad and Croaker at DEQ station 7-GWR007.97. Sources: Source Unknown VAP-C01E GWR03A06 **Great Wicomico River** NORTHUMBERLAND CO From Rogue Point (GWR02A00) downstream to Ingram Bay at Dameron Marsh. CB5MH. Size adjusted in 2006 cycle. VA Overall AU Category: **Impairment** 5.84 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass Sources: Source Unknown

DRAFT 6/28/2006 Page 1631 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	outaries
TMDL Group ID.	15000		
VAP-C01E_HEN01A00	Henrys Creek	NORTHUMBERLAND CO	From its tidal limit to its mouth at Indian Creek.
VA Overall AU Category: 5A Use Fish Consumption	Impairment 0.21 SQUARE MILES TMDL Group II  PCB in Fish Tissue 15000	Pirst Listed on 303(d) TMDL Schedo 2006 2018	ule Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs), VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown		
VAP-C01E_HHB01A98	Horn Harbor	NORTHUMBERLAND CO	Described in the condemnation notice 013-089H, 4/16/2004. Area expanded for the 2006 cycle.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES TMDL Group II	) First Listed on 303(d) TMDL Sched	CB5MH.  ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown		
VAP-C01E_HNT01A98	Hunts Cove	LANCASTER CO	Described in the condemnation notice 24C, 2/27/1998.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TMDL Group II	* *	
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown		

DRAFT 6/28/2006

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Mobjack Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 15000 VAP-C01E\_IND01A98 Indian Creek, Pitmans Cove LANCASTER CO Described in the condemnation notice 016-57A, 11/30/2000. NORTHUMBERLAND CO CB5MH. Pitmans Cove VAP-C01E\_PIT01A98 and VAP-C01E\_IND01A98 were incorporated into this segment, and were deleted in 2006. VA Overall AU Category: **Impairment** Use 0.42 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category **PCB** in Fish Tissue 15000 Fish Consumption 2006 2018 15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. This segment was also assessed with observed effects for arsenic in fish tissue at station 7-IND001.80. This was not an impairing cause. Sources: Source Unknown VAP-C01E IND02A98 **Indian Creek** LANCASTER CO Described in the condemnation notice 016-57B, 11/30/2000. NORTHUMBERLAND CO CB5MH. VA Overall AU Category: **Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 15000 (PCBs) VAP-C01E-17 Assessment information IND01A98 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. There was an observed effect for arsenic found in the fish tissue at downstream station 7-IND001.80. This was not an impairing cause. Sources: Source Unknown

DRAFT 6/28/2006 Page 1633 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Chesapeake Bay/At	lantic/Small Coastal Basins				
TMDL Watershed Name:	atershed Name: Mobjack Bay and Tributaries				
TMDL Group ID:	15000				
VAP-C01E_IND03A00	Indian Creek	LANCASTER CO NORTHUMBERLAND CO	From end of condemnation 016-057A 11/30/2000, downstream to mouth.  CB5MH.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.66 SQUARE MILES TMD	L Group ID First Listed on 303(d) TMDL So			
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	15000 (PCBs)		
			VAP-C01E-17		
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.		
	Sources: Source	Unknown			
VAP-C01E_IND03B06	Indian Creek	NORTHUMBERLAND CO	As described in VDH-DSS Seasonal Shellfish Condemnation No. 016-M174, 4/13/1989.		
			CB5MH.		
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.02 SQUARE MILES TMD PCB in Fish Tissue	DL Group ID First Listed on 303(d) TMDL So 15000 <b>2006 2018</b>	chedule Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)		
Fish Consumption	PGB III FISH FISSUE	15000 2006 2016	VAP-C01E-17		
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.		
	Sources: Source	Unknown			
VAP-C01E_JAR01A02	Jarvis Creek	NORTHUMBERLAND CO	As described in the condemnation notice 015-022F, 4/25/2003.		
VA Overall AU Category: <b>5A</b>			СВ5МН.		
Use		L Group ID First Listed on 303(d) TMDL So			
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	15000 (PCBs)		
			VAP-C01E-17		
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.		
	Sources: Source	Unknown			

DRAFT 6/28/2006 Page 1634 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / Coun	ty*	Assessment Unit Description
Chesapeake Bay/A	Atlantic/Small Coastal Basin	S		
TMDL Watershed Name:		Mobjack Ba	y and Trib	outaries
TMDL Group	ID: 15000			
VAP-C01E_JOH01A06	Johnson Creek	LANCASTER	СО	Area as described in VDH-DSS SFC 016-24D 1/6/2004.
				CB5MH
VA Overall AU Category: 5 Use		3 TMDL Group ID First Listed on 303(d)	) TMDI Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown		
VAP-C01E_LEE01A02	Lees Cove	LANCASTER	СО	As described in the condemnation notice 016-24B, 1/6/2004.
				СВ5МН
VA Overall AU Category: 5 Use	A Impairment 0.02 SQUARE MILES	5 TMDL Group ID First Listed on 303(d)	TMDI Schod	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown		, , , , , , , , , , , , , , , , , , ,
VAP-C01E_LRC01A06	Lawrence Cove	NORTHUMBERLA	ND CO	As described in VDH-DSS SF Condemnation 015-022B, 4/25/2003
				СВ5МН.
				Size adjusted in 2006 cycle due a reduction in size of the upstream condemnation.
VA Overall AU Category: 5 Use		TMDL Group ID First Listed on 303(d)	TMDI Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown		

DRAFT 6/28/2006 Page 1635 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Tribu	utaries
TMDL Group ID	15000		
VAP-C01E_LTB01A02	Little Bay	LANCASTER CO	Little Bay
			СВ5МН.
			Size adjusted 2006.
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 1.09 SQUARE MILES T	MDL Group ID First Listed on 303(d) TMDL Schedule 15000 2006 2018	e Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Sou	rce Unknown	
VAP-C01E_LTM01A98	Little Taskmasters Creek	NORTHUMBERLAND CO	Described in the condemnation notice 11-190A, 4/2/1999.
			DELIST: VDH-DSS SFC No. 11-190, 2/18/2004.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use		MDL Group ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Sou	rce Unknown	

DRAFT 6/28/2006 Page 1636 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	outaries
TMDL Group ID:	15000		
VAP-C01E_MIL01A98	Mill Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-123A, 8/3/2004.
			The area expanded for 2006.
			СВ5МН.
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.47 SQUARE MILES TMDL Group PCB in Fish Tissue 15000	ID First Listed on 303(d) TMDL Sched 2006 2018	ule Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknow	vn	
VAP-C01E_MIL01B06	Mill Creek	NORTHUMBERLAND CO	Downstream of Clay Point.
VA Overell All Ceterania FA			CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.17 SQUARE MILES TMDL Group	ID First Listed on 303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	15000 (PCBs)
			VAP-C01E-17,
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknow	vn	
VAP-C01E_OWN01A98	Owens Pond	NORTHUMBERLAND CO	Described in the condemnation notice 122, 1/3/1992.
			CB5MH.
			Size adjusted in 2006 cycle.
VA Overall AU Category: Use Fish Consumption	Impairment 0.17 SQUARE MILES TMDL Group PCB in Fish Tissue 15000	ID First Listed on 303(d) TMDL Sched 2006 2018	ule Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)  VAP-C01E-17  The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown	vn	. See

DRAFT 6/28/2006

**Assessment** 

Chesapeake Bay/Atlantic/S  TMDL Watershed Name:  TMDL Group ID:  VAP-C01E_PNT01A02  Prentice 0	Small Coastal Basins 15000	Mobjack Bay a	and Tribu	ıtaries
TMDL Group ID:	15000	Mobjack Bay a	and Tribu	utaries
	15000			
VAP-C01E_PNT01A02 Prentice 0				
	Creek	NORTHUMBERLAND	ОСО	Described in the condemnation notice 015-022D, 4/25/2003.
				CB5MH.
VA Overall AU Category: <b>5A</b> Use Impairme	nt 0.01 SQUARE MILES TMDL Group IE	First Listed on 303(d) TI	MDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption PCB	n Fish Tissue 15000	2006	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown			
VAP-C01E_PNT02A02 Prentice 0	Creek	NORTHUMBERLAND	O CO	From VDH-DSS SFC 015-022D & 015-022E, 4/25/2003, downstream to its mouth.
				СВ5МН.
VA Overall AU Category: <b>5A</b> Use Impairme	nt 0.17 SQUARE MILES TMDL Group ID	) First Listed on 303(d) TI	MDI Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
,	n Fish Tissue 15000		2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown			
VAP-C01E_PNT03A02 Prentice 0	Creek	NORTHUMBERLAND	ОСО	Described in the condemnation notice 015-022E, 4/25/2003.
				CB5MH.
VA Overall AU Category: <b>5A</b> Use Impairme	nt 0.01 SQUARE MILES TMDL Group ID	First Listed on 303(d) TI	MDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption PCB	n Fish Tissue 15000	2006	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown			

DRAFT 6/28/2006 Page 1638 of 2156

Assessment Unit ID	Waterbody Name	City / County	<b>/</b> *	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basir	ıs		
TMDL Watershed Name:		Mobjack Bay	and Trib	utaries
TMDL Group ID:	15000			
VAP-C01E_TBS01A98	Tabbs Creek	LANCASTER C	0	Described in the condemnation notice 016-133, 12/6/2002.
				Size reduced in 2004 cycle.
				СВ5МН
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.07 SQUARE MILE PCB in Fish Tissue	S TMDL Group ID First Listed on 303(d) 15000 <b>2006</b>	TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown		
VAP-C01E_TBS02A00	Tabbs Creek	LANCASTER C	0	Tabbs Creek downstream of VDH-DSS SFC 133, 12/6/2002.
				CB5MH.
VA Overell All Category FA				Size adjusted in 2006 cycle.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.33 SQUARE MILE	S TMDL Group ID First Listed on 303(d)	TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown		
VAP-C01E_TIP01A98	Tipers Creek	NORTHUMBERLAN	ID CO	Described in the condemnation notice 013-089C, 4/16/2004.
				Area expanded in 2006 cycle,
				CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.14 SQUARE MILE	S TMDL Group ID First Listed on 303(d)	TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown		

DRAFT 6/28/2006 Page 1639 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Tri	butaries
TMDL Group ID:	15000		
VAP-C01E_TOW01A06	Towles Creek	NORTHUMBERLAND CO	Described in VDH-DSS Seasonal Shellfish Condemnation 014-123M1, 8/3/2004.
VA Overell All Ceterania 54			CB5MH.
VA Overall AU Category: 5A Use Fish Consumption	Impairment 0.02 SQUARE MILES TMDL Grou PCB in Fish Tissue 1500	p ID First Listed on 303(d) TMDL Scheo 0 <b>2006 2018</b>	
Fish Consumption	PCB III FISH TISSUE 1500	2006 2016	15000 (PCBs) VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown	own	
VAP-C01E_WHY01A98	Whays Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089F, 4/16/2004. Area expanded for the 2006 cycle.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.14 SQUARE MILES TMDL Grou	p ID First Listed on 303(d) TMDL Scheo	dule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 1500	0 <b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown	own	
VAP-C01E_WRH01A98	Warehouse Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089G, 4/16/2004. Area expanded for the 2006 cycle.
			СВ5МН.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES TMDL Grou	p ID First Listed on 303(d) TMDL Scheo	dule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 1500	<b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unkno	own	

DRAFT 6/28/2006 Page 1640 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	utaries
TMDL Group ID:	15000		
VAP-C01E_XDL01A02	Chesapeake Bay, UT	NORTHUMBERLAND CO	As described in condemnation notice 011-190, 2/18/2004.
			СВ5МН.
			Size adjusted in 2006 cycle.
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.02 SQUARE MILES TMDL Group PCB in Fish Tissue 1500	p ID First Listed on 303(d) TMDL Schedu 0 <b>2006 2018</b>	Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown	own	
VAP-C01E_XUC01A98	Unnamed Cove of Dividing Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022C, 4/25/2003.
VA Overall AU Category: <b>5A</b>	Impairment 0.01 SQUARE MILES TMDI Grou	ID First Vistad or 2004(1). TMDI Calcada	CB5MH.
Use Fish Consumption	PCB in Fish Tissue 1500	p ID First Listed on 303(d) TMDL Schedu 0 <b>2006 2018</b>	lle Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown	own	
VAP-C01E_ZZZ01A00	Unsegmented estuaries in C01	LANCASTER CO NORTHUMBERLAND CO	Unsegmented portion of the watershed.
		NOTHIOMBERE WE GO	HUC 02080102.
			Size adjusted in 2006.
VA Overall AU Category: 5A Use Fish Consumption	Impairment 2.97 SQUARE MILES TMDL Group PCB in Fish Tissue 1500	up ID First Listed on 303(d) TMDL Schedu 0 <b>2006 2018</b>	Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)  VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown	own	

DRAFT 6/28/2006 Page 1641 of 2156

**Assessment** 

Unit ID		Waterbody Name		City / County	<b>y*</b>	Assessment Unit Description
Chesapeake Bay/	/Atl	antic/Small Coastal Basin	S			
TMDL Watershed Name:				Mobjack Bay	and Tribเ	utaries
TMDL Group	p ID:	15000				
VAP-C02E_DRN01A02		Dragon Swamp		GLOUCESTER (		The tidal portion of Dragon Swamp.  PIAMH.
VA Overall AU Category: Use Fish Consumption	5A	Impairment 1.11 SQUARE MILES PCB in Fish Tissue	5 TMDL Group ID 15000	First Listed on 303(d) <b>2006</b>	TMDL Schedul 2018	le Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs) VAP-C01E-17
						The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
		Sources:	Source Unknown			
VAP-C03E_COB01A02		Cobbs Creek		MATHEWS CO	O	As described in the condemnation notice 170, 3/2/1993.
VA Overall AU Category: Use	5D	Impairment 0.05 SQUARE MILES		First Listed on 303(d)	TMDL Schedul	PIAMH.  le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption		PCB in Fish Tissue	15000	2006	2018	15000 (PCBs)
		Sources:	Source Unknown			VAP-C01E-17  The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
VAD COSE COROSAOS		Cobbs Creek		MATHEWS CO		As described in VDH-DSS SFC No. 034-170, 10/13/2003, not otherwise
VAP-C03E_COB02A02		Cobbs Creek		MATHEWS CO	J	segmented.
VA Overall AU Category:  Use	5A	Impairment 0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedul	PIAMH.  le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption		PCB in Fish Tissue	15000	2006	2018	15000 (PCBs)
						VAP-C01E-17
						The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
		Sources: S	Source Unknown			

DRAFT 6/28/2006 Page 1642 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Mobjack Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 15000 VAP-C03E\_FER01A98 **Ferry Creek GLOUCESTER CO** Described in the condemnation notice 035-171, 6/9/1998. PIAMH. VA Overall AU Category: **Impairment** 0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. Sources: Source Unknown **GLOUCESTER CO** VAP-C03E FRE01A02 **Frenchs Creek** As described in the condemnation notice 035-076B, 9/3/2004. PIAMH. VA Overall AU Category: 5A **Impairment** Use 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. Sources: Source Unknown VAP-C03E\_HEA01A02 **Healy Creek** MIDDLESEX CO Described in the VDH-DSS Shellfish Condemnation Notice 129, 3/3/1997. PIAMH. VA Overall AU Category: 5D **Impairment** 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 15000 2018 15000 (PCBs) 2006 VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. Sources: Source Unknown

DRAFT 6/28/2006 Page 1643 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and	Tributaries
TMDL Group ID	15000		
VAP-C03E_HEA02A06	Healy Creek	MIDDLESEX CO	Described in the VDH-DSS Shellfish Condemnation Notice 129, 2/26/1999.
			PIAMH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES TMD	L Group ID First Listed on 303(d) TMDL	Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	3 15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	
VAP-C03E_HRP01A98	Harper Creek	GLOUCESTER CO	Described in the condemnation notice 035-076A, 9/3/2006. Harper Creek is a portion of the Piankatank River condemnation.
			PIAMH.
VA Overell All Cahagany FA			Size adjusted in 2006 cycle.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES TMD	L Group ID First Listed on 303(d) TMDL	Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	3 15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	Unknown	

DRAFT 6/28/2006 Page 1644 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Tr	butaries
TMDL Group ID	15000		
VAP-C03E_JCK01A98	Jackson Creek	MIDDLESEX CO	Described in the condemnation notice 033-084A, 12/30/2004.
			Size increased in 2006 cycle. Segments JCK01B98 and JCK01C98 were incorporated into this segment, then deleted.
			PIAMH.
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.30 SQUARE MILES T	IMDL Group ID First Listed on 303(d) TMDL Sche 15000 <b>2006 2018</b>	dule Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
r isii Consumption	FCB III FISH TISSUE	13000 2000 2016	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Sou	urce Unknown	
VAP-C03E_MRE01A02	Moore Creek	MIDDLESEX CO	As described in the condemnation notice 034-208A, 12/30/2004.
			Area expanded in 2006 cycle. Segment MRE02A02 was incorporated into this segment, then deleted.
			PIAMH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES 1	FMDL Group ID First Listed on 303(d) TMDL Sche	dule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Sou	urce Unknown	

DRAFT 6/28/2006 Page 1645 of 2156

Assessment Unit ID	Waterbody Name	City / Coun	ty*	Assessment Unit Description
Chesapeake Bay/At	tlantic/Small Coastal Basins			
TMDL Watershed Name:		Mobjack Ba	y and Trib	utaries
TMDL Group ID	15000			
VAP-C03E_PNK01A02	Piankatank River	GLOUCESTER MIDDLESEX		Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No. 035-076A, 9/3/2004.
				PIAMH.
VA Overall AU Category: <b>5A</b> Use		TMDL Group ID First Listed on 303(d)		
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	urce Unknown		
VAP-C03E_PNK02A00	Piankatank River	GLOUCESTER MIDDLESEX		Mainstem Piankatank from downstream limit of VDH-DSS SFC 035-076 down to PNK03A00.
				PIAMH.
				Size adjusted in 2006 cycle.
VA Overall AU Category: <b>5A</b> Use	Impairment 4.58 SQUARE MILES	TMDL Group ID First Listed on 303(d)	TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	urce Unknown		

DRAFT 6/28/2006 Page 1646 of 2156

Assessment Unit ID	Waterbody Name	City	/ County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basins			
TMDL Watershed Name:		Mobja	ack Bay and Trik	outaries
TMDL Group ID:	15000			
VAP-C03E_PNK03A00	Piankatank River		HEWS CO DLESEX CO	One-half mile radius around monitoring station 7-PNK005.36 on the Piankatank River between Pond Point and Iron Point.
				PIAMH.
VA Overall AU Category: <b>5A</b> Use		TMDL Group ID First Listed		
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	ource Unknown		
VAP-C03E_PNK04A00	Piankatank River		HEWS CO DLESEX CO	Mainstem Piankatank River from PNK03A00 downstream to the point at Fishing Bay.
				PIAMH.
VA Overall AU Category: <b>5A</b> Use	Impairment 3.49 SQUARE MILES	TMDL Group ID First Listed	on 303(d) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	ource Unknown		
VAP-C03E_PNK04B06	Piankatank River, Porpoise Cove	MIDE	LESEX CO	As described in VDH-DSS SFC No. 034-208 M1 (seasonal), 12/30/2004.
				PIAMH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.06 SQUARE MILES	TMDL Group ID First Listed	on 303(d) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	ource Unknown		

DRAFT 6/28/2006 Page 1647 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	outaries
TMDL Group ID	15000		
VAP-C03E_PNK04C06	Piankatank River, Fishing Bay	MIDDLESEX CO	As described in VDH-DSS SFC No. 034-208 M2 (seasonal), 12/30/2004.
			PIAMH.
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.08 SQUARE MILES TMDL Group PCB in Fish Tissue 15000	D ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
·			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknow	wn	
VAP-C03E_PNK05A02	Piankatank River	MATHEWS CO MIDDLESEX CO	Piankatank River downstream of Fishing Bay at Stove Point to mouth at Chesapeake Bay
			PIAMH.
			Size adjusted in 2006 cycle.
VA Overall AU Category: <b>5A</b> Use	Impairment 4.97 SQUARE MILES TMDL Group	DID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

DRAFT 6/28/2006 Page 1648 of 2156

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins	1	
TMDL Watershed Name:		Mobjack Bay ar	nd Tributaries
TMDL Group ID	15000		
VAP-C03E_PNK06A04	Piankatank River	GLOUCESTER CO MIDDLESEX CO	Deep Point Boat Landing downstream to limit of shellfish condemnation VDH-DSS Notice 035-076A, 9/3/2004.
			PIAMH.
			SFC area expanded in 2006 cycle.
VA Overall AU Category: 5A Use Fish Consumption	Impairment 0.26 SQUARE MILES PCB in Fish Tissue	TMDL Group ID First Listed on 303(d) TMI 15000 <b>2006 2</b>	DL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: S	ource Unknown	,,,,
VAP-C03E_WLT01A98	Wilton Creek	MIDDLESEX CO	Described in the condemnation notice 126, 3/2/1993.
			PIAMH.
VA Overall AU Category: <b>5D</b> Use	Impairment 0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMI	DL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2</b>	018 15000 (PCBs)
			VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: S	ource Unknown	

DRAFT 6/28/2006 Page 1649 of 2156

Assessment Unit ID	Waterbody Name	City / County	*	Assessment Unit Description
Chesapeake Bay/A	tlantic/Small Coastal Basins			
TMDL Watershed Name:		Mobjack Bay	and Tribu	taries
TMDL Group ID	15000			
VAP-C03E_ZZZ01A00	Unsegmented estuaries in C03	GLOUCESTER (	CO	Unsegmented portion of the watershed.
				Size adjusted in 2006 cycle.
				PIAMH.
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.03 SQUARE MILES TMD PCB in Fish Tissue	DL Group ID First Listed on 303(d) 15000 <b>2006</b>		Impairment Specific Comments and/or Impairment Specific VA Category 15000 (PCBs)
				VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	e Unknown		
VAP-C04E_BKA01A98	Back Creek	GLOUCESTER (	0	Described in the condemnation notice 042-157C, 9/15/2004.
				Size adjusted in 2006, although area did not change
				MOBPH
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES TMD	DL Group ID First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	VAP-C01E-17
				The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
				Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: Source	e Unknown		

DRAFT 6/28/2006 Page 1650 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	utaries
TMDL Group IE	15000		
VAP-C04E_BLP01A98	Billups Creek	MATHEWS CO	Described in the condemnation notice 037-061C, 7/15/2004.
			Size adjusted in 2006 although area did not change from 2004 cycle.
			PIAMH
VA Overall AU Category: <b>5A</b>			
Use		TMDL Group ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	ource Unknown	
VAP-C04E_BLW01A98	Blackwater Creek	MATHEWS CO	Described in the condemnation notice 042-131A, 9/17/2004.
			Size adjusted in 2006 cycle, although area did not change.
			МОВРН
VA Overall AU Category: <b>5A</b> Use	Impairment 0.51 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 fo PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: So	purce Unknown	
VAP-C04E_BRN01A04	Barn Creek	MATHEWS CO	Described in the previous condemnation notice 197A, 2/1/2001
			Size adjusted in 2006 cycle, although area did not change
			PIAMH
VA Overall AU Category: <b>5A</b> Use	Impairment 0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	ource Unknown	

DRAFT 6/28/2006 Page 1651 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	utaries
TMDL Group II	D: 15000		
VAP-C04E_DAV01A98	Davis Creek	GLOUCESTER CO	Described in the condemnation notice 042-131B, 9/17/2004.
			Size extended in 2004 cycle.
			МОВРН
VA Overall AU Category: <b>5A</b> Use Fish Consumption		TMDL Group ID First Listed on 303(d) TMDL Schedo 15000 <b>2006 2018</b>	ule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17
		200	The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: So	ource Unknown	
VAP-C04E_DOC01A98	Doctors Creek	MATHEWS CO	Described in the condemnation notice 039-026B, 3/18/2004.
			CB6PH
VA Overall AU Category: <b>5A</b> Use		TMDL Group ID First Listed on 303(d) TMDL Schedu	Ile Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	ource Unknown	
VAP-C04E_DOC02A02	Doctors Creek	MATHEWS CO	Doctors Creek downstream of VDH-DSS SFC 026B.
VA Overall AU Category: <b>5A</b>			CB6PH
Use		TMDL Group ID First Listed on 303(d) TMDL Schedu	Ile Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	ource Unknown	

DRAFT 6/28/2006

TADL Watershed Name:	Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
TMDL Growp 10:  VAP-C04E_DVS01A98  Davis Creek  Fish Consumption  VA Overall AU Category: Use Fish Consumption  VAP-C04E_DYC02A04  Fish Consumption  VAP-C04E_DYC02A04  Fish Consumption  VAP-C04E_DYC02A04  Fish Consumption  VAP-C04E_DYC02A04  Fish Consumption Advances for PDES. No more than 2 mealswmoth are recommended of anadromous (coastal) striped bass.  VAP-C04E_DYC02A04  Fish Consumption Advances for PDES. No more than 2 mealswmoth are recommended of anadromous (coastal) striped bass.  VAP-C04E_DYC02A04  Fish Consumption Advances for PDES. No more than 2 mealswmoth are recommended of anadromous (coastal) striped bass.  VAP-C04E_DYC02A04  Fish Consumption Advances for PDES. No more than 2 mealswmoth are recommended of anadromous (coa	Chesapeake Bay/At	tlantic/Small Coastal Basins		
VAP-CO4E_DVS01A98  Pavis Creek  Binpairment  VA Overall AU Category: Use Fish Consumption  PCB in Fish T Issue  Dispairment  VAP-CO4E_DYE02A04  VA Overall AU Category: Use Fish Consumption  VAP-CO4E_DYE02A04  VAP-CO4E_DYE02A	TMDL Watershed Name:		Mobjack Bay and Trib	utaries
VA Overall AU Category: 5A   Impairment   0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule   Impairment Specific Comments and/or Impairment Specific VA Category   VAP-C04E_DYE02A04   VAP-C04E_DYE02A04   VAP-C04E_DYE02A04   VAP-C04E_EDW01A98   V	TMDL Group ID	15000		
VA Overall AU Category: Use Fish Consumption  VAP-Code_DVEO2A04  VAP-Code_EDWO1A08  VAP-C	VAP-C04E_DVS01A98	Davis Creek	MATHEWS CO	Described in the condemnation notice 040-085B, 12/27/2004
VAP-C04E_DYE02A04 VAP-C04E_DYE				Size increased in 2006 cycle.
Tipe				МОВРН
Page	Use			
VAP-CO4E_DYEO2A04   VAP	·			12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two
VAP-C04E_DYE02A04  VA Overall AU Category: Use Fish Consumption  VAP-C04E_EDW01A98  VA Overall AU Category: Use Fish Consumption  VAP-C04E_EDW01A98  Timpairment  0.28 SQUARE MILES TMDL Group ID 15000 2006 2018				
VA Overall AU Category: Use Fish Consumption  VAP-C04E_EDW01A98  VA Overall AU Category: Use Fish Consumption  VAP-C04E_EDW01A98  VAP-C04E_EDW01A9		Sources: So	urce Unknown	
VA Overall AU Category: Use Fish Consumption	VAP-C04E_DYE02A04	Dyer Creek	MATHEWS CO	Tidal limit to mouth
MA Overall AU Category: Use   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Tissue   15000   2006   2018   MATHEWS CONSUMPTION   PCB in Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.				2006: Segment merged with DYE01A98
Impairment Specific Comments and/or Impairment Specific VA Category  PCB in Fish Tissue  15000  PCB in Fish Tissue  15000				СВ6РН
The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.  VAP-C04E_EDW01A98  VA Overall AU Category: Use Fish Consumption  PCB in Fish Tissue  15000  1	3 ,	Impairment 0.28 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
VAP-C04E_EDW01A98  VAP-C04E_EDW01A98  Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.  MATHEWS CO  PIAMH  VA Overall AU Category: Use Fish Consumption  PCB in Fish Tissue  15000  PCB in Fish Tissue  TMDL Group ID First Listed on 303(d) TMDL Schedule Tmpairment Specific Comments and/or Impairment Specific VA Category The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.	Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C04E-21
VAP-C04E_EDW01A98  VA Overall AU Category: Use Fish Consumption  PCB in Fish Tissue  VA Overall AU Category: Fish Consumption  NATHEWS CO  MATHEWS CO  MATHEWS CO  Described in the condemnation notice 197A, 2/19/2003.  PIAMH  Impairment Specific VA Category  Impairment Specific VA Category  2018  VAP-C01E-17  The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.				Fish Consumption Advisories for PCBs. No more than 2 meals/month are
VA Overall AU Category: Use Impairment O.03 SQUARE MILES Impairment O.03 SQUARE MILES ORD		Sources: So	urce Unknown	
VA Overall AU Category: Use Impairment  0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule  15000 2006 2018 VAP-C01E-17  The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.	VAP-C04E_EDW01A98	Edwards Creek	MATHEWS CO	Described in the condemnation notice 197A, 2/19/2003.
Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 15000 2006 2018 VAP-C01E-17  The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.	V4.0      AU. G.			PIAMH
The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.		Impairment 0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.	Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17
Sources: Source Unknown				Fish Consumption Advisories for PCBs. No more than 2 meals/month are
		Sources: So	urce Unknown	

DRAFT 6/28/2006 Page 1653 of 2156

Assessment Unit ID	Waterbody Name	City / County	ty* Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay	y and Tributaries
TMDL Group ID:	15000		
VAP-C04E_EDW02A98	Edwards Creek	MATHEWS CO	Described in the condemnation notice 197B, 2/19/2003.
			PIAMH
VA Overall AU Category: 5A Use		TMDL Group ID First Listed on 303(d)	
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	<b>2018</b> VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: So	ource Unknown	
VAP-C04E_ELM01A98	Elmington Creek	GLOUCESTER (	CO Described in the condemnation notice 042-157B, 9/17/2004.
			Size increased in 2006 cycle.
			МОВРН
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d)	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	<b>2018</b> VAP-C01E-17
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware

Sources: Source Unknown

DRAFT 6/28/2006 Page 1654 of 2156

Rivers. No more than two meals/month of gizzard shad are recommended.

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	utaries
TMDL Group ID:	15000		
VAP-C04E_EST01A98	East River	MATHEWS CO	Described in the condemnation notice 092, 7/7/2003.
			Size decreased in 2006 cycle.
			МОВРН
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.14 SQUARE MILES TMDL Group ID PCB in Fish Tissue 15000	First Listed on 303(d) TMDL Schedu 2006 2018	le Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: Source Unknown		
VAP-C04E_EST02A00	East River	MATHEWS CO	East River and tribs from SFC 92 to mouth, not otherwise segmented.
			MOBPH
VA Overall AU Category: <b>5A</b> Use	Impairment 2.89 SQUARE MILES TMDL Group ID	First Listed on 303(d) TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	VAP-C01E-17 (PCBs)
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: Source Unknown		

DRAFT 6/28/2006 Page 1655 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Chesapeake Bay	Atlantic/Small Coastal Basins				
TMDL Watershed Name:		Mobjack Bay and Trib	utaries		
TMDL Grou	p ID: 15000				
VAP-C04E_EST03A06	East River, UT	MATHEWS CO	Described in VDH-DSS SFC 041-212M2, 9/15/2004		
VA Overall AU Category:	5A		МОВРН		
Use	Impairment 0.01 SQUARE MILES TMDL Gr	oup ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue 150	<b>2006 2018</b>	VAP-C01E-17 (PCBs)		
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.		
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.		
	Sources: Source Unk	nown			
VAP-C04E_EST04A02	East River, UT	MATHEWS CO	As described in condemnation notice 041-212B, 9/15/2004.		
			MOBPH		
VA Overall AU Category: Use	5A Impairment 0.02 SQUARE MILES TMDL Gr	oup ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category		
Fish Consumption	PCB in Fish Tissue 150	<b>2006 2018</b>	VAP-C01E-17 (PCBs)		
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.		
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.		
Sources: Source Unknown					
VAP-C04E_EST05A06	East River, UT	MATHEWS CO	Described in VDH-DSS SFC 041-212M1, 9/15/2004		
			MOBPH		
VA Overall AU Category: Use	5A Impairment 0.01 SQUARE MILES TMDL Gr	oup ID First Listed on 303(d) TMDL Schedu			
Fish Consumption	PCB in Fish Tissue 150		VAP-C01E-17 (PCBs)		
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.		
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 fo PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.		
	Sources: Source Unk	nown			

DRAFT 6/28/2006 Page 1656 of 2156

Assessment Unit ID		Waterbody Name		City / County	r*	Assessment Unit Description
Chesapeake Bay	/Atla	antic/Small Coastal Bas	ins			
TMDL Watershed Name:				Mobjack Bay	and Tribu	taries
TMDL Grou	p ID:	15000				
VAP-C04E_GDN01A06		Garden Creek		MATHEWS CO	)	Tidal limit to mouth
						СВ6РН
VA Overall AU Category: Use	5A	Impairment 0.58 SQUARE M	LES TMDL Group ID Fi	rst Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption		PCB in Fish Tissue	15000	2006	2018	VAP-C01E-17 (PCBs)
						The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
		Source	s: Source Unknown			
VAP-C04E_HAH01A98		Horn Harbor		MATHEWS CO	)	Described in the condemnation notice 039-026A, 3/18/2004.
						Segment shortened in 2006
						СВ6РН
VA Overall AU Category: Use	5A	Impairment 0.05 SQUARE M	LES TMDL Group ID Fi	rct Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption		PCB in Fish Tissue	15000	2006	2018	VAP-C01E-17 (PCBs)
						The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
		Source	s: Source Unknown			
VAP-C04E_HAH02A02		Horn Harbor		MATHEWS CO	)	From SFC 26A downstream to the mouth, unless otherwise segmented.
						CB5PH
VA Overall AU Category: Use	5A	Impairment 1.56 SQUARE M	LES TMDL Group ID Fi	rst Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption		PCB in Fish Tissue	15000	2006	2018	VAP-C01E-17 (PCBs)
						The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
		Source	s: Source Unknown			

DRAFT 6/28/2006 Page 1657 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/At	tlantic/Small Coastal Basins			
TMDL Watershed Name:	Mobjack Bay and Tributaries			
TMDL Group ID.	15000			
VAP-C04E_HAH03A06	Horn Harbor	MATHEWS CO	Described in VDH-DSS SFC 039-026M1, 3/18/2004	
			CB5PH	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES TMDL 0	Group ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 1	<b>2006 2018</b>	VAP-C01E-17 (PCBs)	
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.	
	Sources: Source U	nknown		
VAP-C04E_HAH04A06	Horn Harbor	MATHEWS CO	Described in VDH Shellfish Condemnation 039-M97, 4/13/1989	
			CB5PH	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES TMDL (	Group ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 1	<b>2006 2018</b>	VAP-C01E-17 (PCBs)	
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.	
	Sources: Source U	nknown		
VAP-C04E_LAN01A02	Lanes Creek	MATHEWS CO	As described in previous condemnation notice 037-099C, 2/1/2001.	
			PIAMH	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.05 SQUARE MILES TMDL (	Group ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue 1	<b>2006 2018</b>	VAP-C01E-17 (PCBs)	
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.	
	Sources: Source U	nknown		

DRAFT 6/28/2006 Page 1658 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Mobjack Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 15000 VAP-C04E\_MID01A02 Winder Creek MATHEWS CO As described in the condemnation notice 037-099C, 4/28/2004. **PIAMH** VA Overall AU Category: **Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 VAP-C01E-17 (PCBs) The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. Sources: Source Unknown VAP-C04E MIS01A04 Miles Creek MATHEWS CO Described in VDH Condemnation Notice 041-212A, 9/15/2004. **MOBPH** VA Overall AU Category: Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 15000 2006 2018 VAP-C01E-17 The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended. Sources: Source Unknown VAP-C04E MLF01A98 Milford Haven **MATHEWS CO** Described in the condemnation notice 037-099D, 4/28/2004. **PIAMH** VA Overall AU Category: **Impairment** 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 15000 2018 VAP-C01E-17 2006 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. Sources: Source Unknown

DRAFT 6/28/2006 Page 1659 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / Cour	ıty*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basii	ns		
TMDL Watershed Name:	Mobjack Bay and Tributaries			
TMDL Group ID:	15000			
VAP-C04E_MLF02A98	Milford Haven	MATHEWS	co	Described in the condemnation notice 037-099E, 4/28/2004.
				Size adjusted in 2006, although area did not change
				PIAMMH
VA Overall AU Category: <b>5A</b> Use		ES TMDL Group ID First Listed on 303(d		
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown		
VAP-C04E_MLF03A00	Milford Haven	MATHEWS	co	Downstream of SFC037-099E, 4/28/2004 except as otherwise segmented.
				PIAMH
VA Overall AU Category: <b>5A</b> Use	Impairment 1.43 SQUARE MILE	S TMDL Group ID First Listed on 303(d	) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
Sources: Source Unknown				
VAP-C04E_MLF04A06	Milford Haven	MATHEWS	co	Hills Bay
				PIAMH
VA Overall AU Category: <b>5A</b> Use	Impairment 2.28 SQUARE MILE	S TMDL Group ID First Listed on 303(d	) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown		

DRAFT 6/28/2006 Page 1660 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Chesapeake Bay/A	Atlantic/Small Coastal Basins				
TMDL Watershed Name:		Mobjack Bay and Tributaries			
TMDL Group	ID: 15000				
VAP-C04E_MLF05A06	Milford Haven	MATHEWS CO	Described in VDH-DSS condemnation 037-099M1, 4/28/2004		
VA Overall AU Category: 5 Use Fish Consumption	Impairment 0.03 SQUARE MILES TMDL G	roup ID First Listed on 303(d) TM	PIAMH  IDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  VAP-C01E-17		
i isii consumption			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.		
	Sources: Source Un	known			
VAP-C04E_MRC01A98	Morris Creek	MATHEWS CO	Tidal limit to approximately rivermile 0.15.		
VA Overall AU Category: 5 Use Fish Consumption	Impairment 0.08 SQUARE MILES TMDL G	roup ID First Listed on 303(d) TM	PIAMH  1DL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  2018 VAP-C01E-17		
Tish consumption			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.		
Sources: Source Unknown					
VAP-C04E_MRC02A06	Morris Creek	MATHEWS CO	Rivermile 0.15 downstream to end of condemnation 037-061B, 7/15/2004		
VA Overall AU Category: 5 Use Fish Consumption	Impairment 0.02 SQUARE MILES TMDL G	roup ID First Listed on 303(d) TM 000 <b>2006 2</b>	VAP-C01E-17  The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are		
	Sources: Source Un	known	recommended of anadromous (coastal) striped bass.		

DRAFT 6/28/2006 Page 1661 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	tlantic/Small Coastal Basins		
TMDL Watershed Name: Mobjack Bay and Tributaries			nd Tributaries
TMDL Group ID.	15000		
VAP-C04E_NOR01A02	North River	GLOUCESTER CO MATHEWS CO	Described in the condemnation notice 042-157A, 9/17/2004
		MATHEWS CO	Size increased in 2006 cycle
			МОВРН
VA Overall AU Category: <b>5A</b> Use	Impairment 0.69 SQUARE MILES TI	MDL Group ID First Listed on 303(d) TN	MDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue		2018 VAP-C01E-17
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: Sou	rce Unknown	
VAP-C04E_NOR02A02	North River	GLOUCESTER CO MATHEWS CO	North River and tribs from SFC 157A to Mobjack Bay, except as otherwise segmented.
			МОВРН
VA Overall AU Category: <b>5A</b> Use	Impairment 4.87 SQUARE MILES TO	MDL Group ID First Listed on 303(d) TN	MDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	<b>2018</b> VAP-C01E-17
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: Sou	rce Unknown	

DRAFT 6/28/2006 Page 1662 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/A	tlantic/Small Coastal Basins			
TMDL Watershed Name:	Mobjack Bay and Tributaries			
TMDL Group ID	15000			
VAP-C04E_PEP01A06	Pepper Creek	MATHEWS CO	As described in the condemnation notice 040-085A, 12/27/2004.	
			МОВРН	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.03 SQUARE MILES TN	MDL Group ID First Listed on 303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17 (PCBs)	
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.	
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.	
	Sources: Sour	rce Unknown		
VAP-C04E_PUT01A98	Put In Creek	MATHEWS CO	Described in the condemnation notice 041-005A, 9/15/2004.	
			Size adjusted in 2006 cycle, although area did not change.	
			MOBPH	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.13 SQUARE MILES TM	MDL Group ID First Listed on 303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category	
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17	
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.	
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.	
	Sources: Sour	rce Unknown		

DRAFT 6/28/2006 Page 1663 of 2156

Assessment Unit ID	Waterbody Name	City / Cour	nty*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basins	5		
TMDL Watershed Name:		Mobjack Ba	y and Tri	butaries
TMDL Group ID:	15000			
VAP-C04E_QUE01A98	Queens Creek	MATHEWS	CO	Described in the condemnation notice 037-099A, 4/28/2004.
				Size reduced in 2006 cycle.
				PIAMH
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.23 SQUARE MILES PCB in Fish Tissue	TMDL Group ID First Listed on 303(d	) TMDL Scher 2018	dule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: S	Source Unknown		
VAP-C04E_QUE01B06	Queens Creek	MATHEWS	CO	Described in the condemnation notice 037-099B, 4/28/2004.
				Segment split from VAP-C04E_QUE01A98 in 2006
				PIAMH
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d	) TMDL Sche	dule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	VAP-C04E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: S	Source Unknown		
VAP-C04E_QUE02A06	Queens Creek	MATHEWS	CO	Described in the condemnation notice 037-099M2, 4/28/2004.
				Segment split from VAP-C04E_QUE01A98 in 2006
				PIAMH
VA Overall AU Category: <b>5A</b> Use Fish Consumption	Impairment 0.01 SQUARE MILES PCB in Fish Tissue	TMDL Group ID First Listed on 303(d	) TMDL Sche	dule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: S	Source Unknown		·

DRAFT 6/28/2006 Page 1664 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Tribu	taries
TMDL Group ID	15000		
VAP-C04E_QUE03A06	Queens Creek	MATHEWS CO	Downstream of condemnation areas 099A, B, and M2, 4/28/2004.
			Segment split from VAP-C04E_QUE01A98 in 2006
			PIAMH
VA Overall AU Category: 5A Use Fish Consumption	Impairment 0.01 SQUARE MILES TM PCB in Fish Tissue	DL Group ID First Listed on 303(d) TMDL Schedule 15000 2006 2018	e Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	e Unknown	
VAP-C04E_STT01A98 Stutts Creek MATHEWS		MATHEWS CO	Described in the condemnation notice 037-061A, 7/15/2004.
			Segment shortened in 2006 cycle.
			PIAMH
VA Overall AU Category: 5A Use Fish Consumption	Impairment 0.09 SQUARE MILES TM PCB in Fish Tissue	DL Group ID First Listed on 303(d) TMDL Schedule 15000 2006 2018	e Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDF Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	e Unknown	
VAP-C04E_STT01B06	Stutts Creek (Hole in the Wall)	MATHEWS CO	Described in VDH-DSS condemnation 037-061M1, 7/15/2004
VA Overall AU Category: <b>5A</b>	Impairment 0.02 course up so much		PIAMH
Use Fish Consumption	Impairment 0.02 SQUARE MILES TM  PCB in Fish Tissue	DL Group ID First Listed on 303(d) TMDL Schedule 15000 <b>2006 2018</b>	Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17
i ish consumption	i ob iii i isii i issue	2010	The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	e Unknown	, , , ,

DRAFT 6/28/2006 Page 1665 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Tri	butaries
TMDL Group ID	15000		
VAP-C04E_STT02A00	Stutts Creek	MATHEWS CO	Tidal limits to Fanneys Point, except as otherwise segmented.
			PIAMH
VA Overall AU Category: <b>5A</b> Use	Impairment 0.23 SQUARE MILES TM	IDL Group ID First Listed on 303(d) TMDL Scher	
Fish Consumption	PCB in Fish Tissue	<b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	ce Unknown	
VAP-C04E_STT03A06	Stutts Creek	MATHEWS CO	Described in VDH-DSS SFC 037-061M2, 7/15/2004
			PIAMH
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TM	IDL Group ID First Listed on 303(d) TMDL Scher	dule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	ce Unknown	
VAP-C04E_STT04A06	Stutts Creek	MATHEWS CO	Described in VDH-DSS SFC 037-061M3, 7/15/2004
			PIAMH
VA Overall AU Category: <b>5A</b> Use	Impairment 0.03 SQUARE MILES TM	IDL Group ID First Listed on 303(d) TMDL Sche	dule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source	ce Unknown	

DRAFT 6/28/2006 Page 1666 of 2156

**Assessment** 

Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	Atlantic/Small Coastal Basir	ıs	
TMDL Watershed Name:		Mobjack Bay and T	ributaries
TMDL Group I	D: 15000		
VAP-C04E_WHA01A06	Wharf Creek	MATHEWS CO	Described in VDH-DSS SFC 036-M87, 4/13/1989
			PIAMH
VA Overall AU Category: 54 Use		S TMDL Group ID First Listed on 303(d) TMDL Sci	hedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	<b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown	
VAP-C04E_WIN01A06	Winter Harbor	MATHEWS CO	Described in the condemnation notice 038-178A, 4/29/2004.
			СВ6РН
VA Overall AU Category: <b>5</b> A Use		S TMDL Group ID First Listed on 303(d) TMDL Sci	hedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	<b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown	
VAP-C04E_WIN01B00	Winter Harbor	MATHEWS CO	Waters within a 1/2 mile radius of monitoring station 7-WIN000.88, not otherwise segmented.
			СВ6РН
VA Overall AU Category: 54 Use		S TMDL Group ID First Listed on 303(d) TMDL Scl	hedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17 (PCBs)
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources:	Source Unknown	

DRAFT 6/28/2006 Page 1667 of 2156

Assessment Unit ID	Waterbody Name	City	/ County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basins			
TMDL Watershed Name:		Mobja	ack Bay and Trib	utaries
TMDL Group ID:	15000			
VAP-C04E_WIN02B06	Winter Harbor	MAT	HEWS CO	Described in VDH-DSS SFC 038-178M1, 4/29/2004
VA Overall AU Category: <b>5A</b>	Januari and a constant and a constan			СВ6РН
Use Fish Consumption	Impairment 0.03 SQUARE MILES T	MDL Group ID First Listed 15000 2006	on 303(d) TMDL Schedu <b>2018</b>	lle Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17 (PCBs)
,	. 02		20.0	The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Sou	irce Unknown		
VAP-C04E_WIN03A06	Winter Harbor	MAT	HEWS CO	Northern portion of Winter Harbor
VA Overall AU Category: <b>5A</b> Use	Impairment 1.22 SQUARE MILES T	MDL Group ID First Listed	an 202(d). TMDI Cabadu	CB6PH
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	Ile Impairment Specific Comments and/or Impairment Specific VA Category  VAP-C01E-17 (PCBs)
·				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Sou	irce Unknown		
VAP-C04E_ZZZ01A00	Unsegmented estuaries in C04	MAT	HEWS CO	Unsegmented portion of the watershed within PIAMH
VA Overall AU Category: <b>5A</b> Use	Impairment 2.65 SQUARE MILES T	MDL Group ID First Listed	on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	15000 <b>2006</b>	2018	VAP-C01E-17
				The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Sou	irce Unknown		

DRAFT 6/28/2006 Page 1668 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	utaries
TMDL Group ID:	15000		
VAP-C04E_ZZZ02A06	Unsegmented estuaries in C04	MATHEWS CO	Unsegmented portion within CB6PH
VA Overall AU Category: <b>5A</b> Use	Impairment 0.34 SQUARE MILES TMDL Group I	D First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 15000	2006 2018	VAP-C01E-17 (PCBs)
			The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.
	Sources: Source Unknown	1	
VAP-C04E_ZZZ03A06	Unsegmented estuaries in C04	MATHEWS CO	Unsegmented portion within MOBPH
VA Overall AU Category: 5A Use Fish Consumption	PCB in Fish Tissue 15000	D First Listed on 303(d) TMDL Schedu 2006 2018	Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: Source Unknown	1	
VAP-C05E_WAR01A02	Ware River	GLOUCESTER CO	Described in the condemnation notice 043-096A, 7/6/2004.
			Size increased in 2006 cycle.
VA Overall AU Category: 5A	Impairment 0.81 SQUARE MILES TMDL Group I		МОВРН
Use Fish Consumption	PCB in Fish Tissue 15000	D First Listed on 303(d) TMDL Schedu 2006 2018	lle Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for
			PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: Source Unknown	1	

DRAFT 6/28/2006 Page 1669 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description				
Chesapeake Bay/Atlantic/Small Coastal Basins							
TMDL Watershed Name:		Mobjack Bay and Trib	outaries				
TMDL Group ID:	15000						
VAP-C05E_WAR02A02	Ware River	GLOUCESTER CO	Ware River downstream of SFC 096.				
			Size adjusted during 2006 cycle				
			MOBPH.				
VA Overall AU Category: 5A Use Fish Consumption	Impairment 6.10 SQUARE MILES TMDL Group ID F PCB in Fish Tissue 15000	First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17 (PCBs)				
r isii consumption	POD III TISII TISSUE	2000 2010	The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.				
	Sources: Source Unknown						
VAP-C05E_WIL01A98	Wilson Creek	GLOUCESTER CO	Described in the condemnation notice 043-096B, 7/6/2004.				
			Segment expanded in 2006 cycle				
			МОВРН				
VA Overall AU Category: 5A Use Fish Consumption	Impairment 0.34 SQUARE MILES TMDL Group ID F PCB in Fish Tissue 15000	First Listed on 303(d) TMDL Schedu <b>2006 2018</b>	Ule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.				
	Sources: Source Unknown						

DRAFT 6/28/2006 Page 1670 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Mobjack Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 15000 VAP-C05E\_ZZZ01A00 **Unsegmented estuaries in C05 GLOUCESTER CO** Unsegmented portion of the watershed. **MOBPH** VA Overall AU Category: **Impairment** 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 VAP-C01E-17 The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also. VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended. Sources: Source Unknown **GLOUCESTER CO** Tidal limit to mouth VAP-C06E FSC01A98 **Free School Creek MOBPH** VA Overall AU Category: Impairment Use 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 VAP-C01E-17 (PCBs) The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended. Sources: Source Unknown

DRAFT 6/28/2006 Page 1671 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/A	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Mobjack Bay and Trib	utaries
TMDL Group IE	15000		
VAP-C06E_HEY01A98	Heywood Creek	GLOUCESTER CO	Described in the condemnation notice 044-054A, 4/16/2004.
			Size adjusted during 2006 cycle, although area did not change.
			МОВРН
VA Overall AU Category: <b>5A</b> Use	Impairment 0.06 SQUARE MILES TMDL Grou	p ID First Listed on 303(d) TMDL Schedu	
Fish Consumption	PCB in Fish Tissue 1500	0 <b>2006 2018</b>	VAP-C01E-17
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: Source Unkno	own	
VAP-C06E_MNC01A98	Monday Creek	GLOUCESTER CO	Described in the condemnation notice 125, 12/3/2002.
			МОВРН
VA Overall AU Category: <b>5A</b> Use		p ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue 1500	<b>2006 2018</b>	VAP-C01E-17 (PCBs)
			The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
			Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
	Sources: Source Unknown	own	

DRAFT 6/28/2006

Chesapeake Bay/Atlantic/Small Coastal Basins  TMDL Watershed Name:  TMDL Group ID:  15000  VAP-C06E_ROW01A06  Rowes Creek  GLOUCESTER CO  Described in VDH-DSS Shellfish Condemnation 044-054M2, 4/16/2004  MOBPH  VA Overall AU Category:  Use  Fish Consumption  PCB in Fish Tissue  15000  This issue  15000  This issue  15000  This issue  15000  The Chesapeake Bay and its small coastal bidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped base with the Molpack Bay and its inbutaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  VAP-C06E_SEN01A02  Northwest Branch Severn River  GLOUCESTER CO  Described in VDH-DSS Shellfish Condemnation 044-054M2, 4/16/2004  MOBPH  The Chesapeake Bay and its small coastal bidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped base and its inbutaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
VAP-C06E_ROW01A06  VA Overall AU Category: Use Fish Consumption  PCB in Fish Tissue  15000  Augure MILES TMDL Group ID  First Listed on 303(d) TMDL Schedule 12/13/2004 VDH Fish Consumption Coastall stiglat tributaries are included under the 12/13/2004 VDH Fish Consumption devisory on 12/13/2004 vDH Fish Consumption Coastall stiglat tributaries are included under the 12/13/2004 VDH Fish Consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  Sources: Source Unknown
VAP-C06E_ROW01A06  Rowes Creek  GLOUCESTER CO  Described in VDH-DSS Shellfish Condemnation 044-054M2, 4/16/2004  MOBPH  VA Overall AU Category: Use Fish Consumption  PCB in Fish Tissue  15000  This Listed on 303(d)  TMDL Schedule  Impairment Specific Comments and/or Impairment Specific VA Category  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  Sources: Source Unknown
VA Overall AU Category: Use  Impairment  0.07 SQUARE MILES TMDL Group ID  First Listed on 303(d)  VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  Sources: Source Unknown
VA Overall AU Category: Use  Impairment  O.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule  Impairment Specific Comments and/or Impairment Specific VA Category  Fish Consumption  PCB in Fish Tissue  15000  2006  2018  VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
Use Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 15000 2006 2018 VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  Sources: Source Unknown
Fish Consumption  PCB in Fish Tissue  15000  2006  2018  VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  Sources: Source Unknown
12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  Sources: Source Unknown
PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  Sources: Source Unknown
VAP-C06E_SEN01A02 Northwest Branch Severn River GLOUCESTER CO Described in the condemnation notice 044-093A, 4/16/2004.
Size reduced in 2006 cycle.
МОВРН
VA Overall AU Category: 5A Use Impairment 0.33 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption PCB in Fish Tissue 15000 2006 2018 VAP-C01E-17
The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.
Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.
Sources: Source Unknown

DRAFT 6/28/2006 Page 1673 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Mobjack Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 15000 VAP-C06E\_SEN02A06 **Northwest Branch Severn River GLOUCESTER CO** Mainstem and tribs not otherwise segmented **MOBPH** VA Overall AU Category: **Impairment** 0.46 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 VAP-C01E-17 The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended. Sources: Source Unknown **GLOUCESTER CO** VAP-C06E\_SES01A00 **Southwest Branch Severn River** Main stem, excluding small embayments at banks, and as otherwise segmented. **MOBPH** VA Overall AU Category: 5A **Impairment** 0.64 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category 15000 Fish Consumption PCB in Fish Tissue 2006 2018 VAP-C01E-17 The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended. Sources: Source Unknown

DRAFT 6/28/2006 Page 1674 of 2156

Chesapeake Bay/Atlantic/Small Coastal Basins  TMDL Watershed Name:  TMDL Group ID:  VAP-Co6E_SEV02A00  VA Overall AU Category: Use Fish Consumption  Thorntons Creek  VAP-Co6E_THC01A98  VAP-Co6E_THC01A98  VA Overall AU Category: Use Fish Consumption  VAP-Co6E_THC01A98  VAP-Co6E_T	Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description				
TMDL Group ID:  VAP-C06E_SEV02A00  VAP-C06E_SEV02A0	Chesapeake Bay/A	tlantic/Small Coastal Basins						
VAP-C06E_SEV02A00  VAP-C06E_SEV02A00  VAP-C06E_SEV02A00  VAP-C06E_THC01A98  VAP-C01E-17  The Chesapeake Bay and its small coastal fidal Irributaries are included under the 12/13/2004 VDH Fish Consumption Advisory on 12/13/2004 for PCGB in the Mobjack Bay and its tributaries particularly the East. West, and Ware  VAP-COBLETTOR  VAP-C01E-TO  VAP-C0	TMDL Watershed Name:	Mobjack Bay and Tributaries						
VA Overall AU Category: Use Fish Consumption  PCB in Fish Tissue  1500  PCB in Fish Consumption Advisories for PCBs. No more than two meals/month of pizzard shad are recommended.  1500  PCB in Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) stipled bass.  1500  PCB in Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) stipled bass.  1500  PCB in Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) stipled bass.  1500  PCB in Fish Mobjack Bay and its tributaries, particularly the East. West, and Ware Rivers.  1500  PCB in Fish Mobjack Bay and its tributaries, particularly the East. West, and Ware Rivers.  1500  PCB in Fish Mobjack Bay and its tributaries, particularly the East. West, and Ware Rivers.  1500  PCB in Fish Mobjack Bay and its tributaries, particularly the East. West, and Ware Rivers.  150	TMDL Group ID	15000						
VA Overall AU Category: Use   Impairment   Source   Sou	VAP-C06E_SEV02A00	Severn River	GLOUCESTER CO	End of NW branch to mouth, unless otherwise segmented.				
Fish Consumption  PCB in Fish Tissue  15000  2006  PCB in Fish Tissue  15000  2006  PCB in Fish Tissue  15000  2006  2018  VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VOH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) stigled bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance of the consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its midular instance on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries are included under the 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended of anadromous (coastal did in the condemnation on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended of anadromous (coastal did in the condemnation on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended of shader on 12/13/2004 for PCBs.				МОВРН				
The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption Advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  **Thorntons Creek**  Thorntons Creek**  **Thorntons Creek**  **Thorntons Creek**  **Thorntons Creek**  **GLOUCESTER CO**  Described in the condemnation notice 044-054B, 4/16/2004.  Size increased in 2006 cycle.  **MOBPH**  **WOBPH**  **WAP-CO1E-17*  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended.  **Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended.	,	Impairment 3.53 SQUARE MILES TMD	DL Group ID First Listed on 303(d) TMDL Schedo	ule Impairment Specific Comments and/or Impairment Specific VA Category				
VAP-C06E_THC01A98	Fish Consumption	PCB in Fish Tissue	15000 <b>2006 2018</b>	VAP-C01E-17				
PCBs in the Mobjack Bay and its irributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.  VAP-C06E_THC01A98  VA Overall AU Category: Use Fish Consumption  PCB in Fish Tissue  15000				12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two				
VAP-C06E_THC01A98  VAP-C06E_THC01A98  Thorntons Creek  GLOUCESTER CO  Described in the condemnation notice 044-054B, 4/16/2004.  Size increased in 2006 cycle.  MOBPH  VA Overall AU Category: Use  Fish Consumption  PCB in Fish Tissue  15000  PCB in Fish Tissue  15000  TMDL Schedule  TMDL Group ID First Listed on 303(d) TMDL Schedule  TMDL Group ID First Listed on 303(d) TMDL Schedule  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.				PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware				
Size increased in 2006 cycle.  WOBPH  VA Overall AU Category: Use Fish Consumption  PCB in Fish Tissue  15000  150		Sources: Source	e Unknown					
VA Overall AU Category: Use  Impairment  O.07 SQUARE MILES  TMDL Group ID  First Listed on 303(d)  TMDL Schedule  Impairment Specific Comments and/or Impairment Specific VA Category  Fish Consumption  PCB in Fish Tissue  15000  2006  2018  VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.	VAP-C06E_THC01A98	Thorntons Creek	GLOUCESTER CO	Described in the condemnation notice 044-054B, 4/16/2004.				
VA Overall AU Category: Use  Impairment  O.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule  Fish Consumption  PCB in Fish Tissue  15000  2006  2018  VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.				Size increased in 2006 cycle.				
Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  Fish Consumption PCB in Fish Tissue 15000 2006 2018 VAP-C01E-17  The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.				MOBPH				
The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.		Impairment 0.07 SQUARE MILES TMD	DL Group ID First Listed on 303(d) TMDL Schedo	ule Impairment Specific Comments and/or Impairment Specific VA Category				
12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.  Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.	Fish Consumption	PCB in Fish Tissue	<b>2006 2018</b>	VAP-C01E-17				
PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.				12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two				
Sources: Source Unknown				PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware				
		Sources: Source	e Unknown					

DRAFT 6/28/2006 Page 1675 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins Mobjack Bay and Tributaries TMDL Watershed Name: TMDL Group ID: 15000 VAP-C06E\_VGH01A98 Vaughans Creek **GLOUCESTER CO** Described in the condemnation notice 044-093B, 4/16/2004. **MOBPH** VA Overall AU Category: **Impairment** 0.12 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 VAP-C01E-17 The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended. Sources: Source Unknown **GLOUCESTER CO** Described in VDH Shellfish Condemnation 044-054M1, 4/16/2004 VAP-C06E WET01A06 Willetts Creek **MOBPH** VA Overall AU Category: **Impairment** Use 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption **PCB** in Fish Tissue 15000 2006 2018 VAP-C01E-17 The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended. Sources: Source Unknown VAP-C06E ZZZ01A00 **Unsegmented estuaries in C06 GLOUCESTER CO** Unsegmented portion of the watershed. **MOBPH** VA Overall AU Category: **Impairment** 1.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Fish Consumption PCB in Fish Tissue 15000 2018 VAP-C01E-17 2006 The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobiack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended. Sources: Source Unknown

DRAFT 6/28/2006 Page 1676 of 2156

Assessment Unit ID	Waterbody Name		City / Cou	ınty*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Ba	sins			
TMDL Watershed Name:			Mobjack B	ay and Trik	outaries
TMDL Group ID:	15000				
TMDL Watershed Name:			Mobjack	k Bay Polyh	naline
TMDL Group ID:	01770				
VAP-C04E_BKA01A98	Back Creek		GLOUCESTE	ER CO	Described in the condemnation notice 042-157C, 9/15/2004.
					Size adjusted in 2006, although area did not change
					MOBPH
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE N	MILES TMDL Group ID	First Listed on 303(	(d) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01770	2006	2010	VAP-C04E-23
					During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
	Sourc	es: Agriculture Atmospheric Deposi Industrial Point Sour Internal Nutrient Rec Loss of Riparian Hal Municipal Point Sou Sources Outside Sta Wet Weather Discha	ce Discharge cycling pitat rce Discharges ate Juristiction or B		on of Stormwater, SSO or CSO)
Open-Water Aquatic	Oxygen, Dissolved	01770	2006	2010	VAP-C04E-23
Life					During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
	Sourc	es: Agriculture Atmospheric Deposi Industrial Point Sour Internal Nutrient Rec Loss of Riparian Hal Municipal Point Sou Sources Outside Sta Wet Weather Discha	ce Discharge cycling pitat rce Discharges ate Juristiction or B		on of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1677 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 01770

VAP-C04E\_BLW01A98 Blackwater Creek MATHEWS CO Described in the condemnation notice 042-131A, 9/17/2004.

Size adjusted in 2006 cycle, although area did not change.

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.51 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01770 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1678 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID: 01770

VAP-C04E\_DAV01A98 **Davis Creek GLOUCESTER CO** Described in the condemnation notice 042-131B, 9/17/2004.

Size extended in 2004 cycle.

**MOBPH** 

VA Overall AU Category:

Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2006 2010 VAP-C04E-23 Open-Water Aquatic Oxygen, Dissolved 01770

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1679 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 01770

VAP-C04E\_DVS01A98 Davis Creek MATHEWS CO Described in the condemnation notice 040-085B, 12/27/2004

Size increased in 2006 cycle.

**MOBPH** 

VA Overall AU Category: 5A

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01770 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Life Cxygon, Dissolved

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1680 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID: 01770

VAP-C04E\_ELM01A98 **Elmington Creek GLOUCESTER CO** Described in the condemnation notice 042-157B, 9/17/2004.

Size increased in 2006 cycle.

**MOBPH** 

VA Overall AU Category:

Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2006 2010 VAP-C04E-23 Open-Water Aquatic Oxygen, Dissolved 01770

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1681 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basin
---

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID: 01770

VAP-C04E\_EST01A98 **East River** MATHEWS CO Described in the condemnation notice 092, 7/7/2003.

Size decreased in 2006 cycle.

**MOBPH** 

VA Overall AU Category:

Impairment 0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2006 2010 VAP-C04E-23 Open-Water Aquatic Oxygen, Dissolved 01770

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1682 of 2156

01770

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

**East River** MATHEWS CO East River and tribs from SFC 92 to mouth, not otherwise segmented.

**MOBPH** 

VA Overall AU Category:

VAP-C04E\_EST02A00

**Impairment** 2.89 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life 01770 2006 2010 VAP-C04E-23 Oxygen, Dissolved

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved

Life

01770 2006 VAP-C04E-23 2010

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_EST03A06 East River, UT **MATHEWS CO** Described in VDH-DSS SFC 041-212M2, 9/15/2004

**MOBPH** 

VA Overall AU Category: 5A

Use

**Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23 Aquatic Life

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1683 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID:

01770

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01770

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_EST04A02 MATHEWS CO East River, UT As described in condemnation notice 041-212B, 9/15/2004.

**MOBPH** 

VA Overall AU Category:

Use

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01770

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

DRAFT 6/28/2006 Page 1684 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Mobjack Bay Polyhaline

TMDL Group ID:

01770

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_EST05A06

East River, UT

MATHEWS CO

Described in VDH-DSS SFC 041-212M1, 9/15/2004

**MOBPH** 

VA Overall AU Category:

5A **Impairment** Use

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01770

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1685 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 01770

VAP-C04E\_MIS01A04 Miles Creek MATHEWS CO Described in VDH Condemnation Notice 041-212A, 9/15/2004.

**MOBPH** 

VA Overall AU Category: **5A** 

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01770 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1686 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID: 01770

VAP-C04E\_NOR01A02 **North River GLOUCESTER CO** Described in the condemnation notice 042-157A, 9/17/2004

MATHEWS CO

Size increased in 2006 cycle

**MOBPH** 

VA Overall AU Category:

Impairment 0.69 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2006 2010 VAP-C04E-23 Open-Water Aquatic Oxygen, Dissolved 01770

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1687 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

01770

VAP-C04E\_NOR02A02 **North River GLOUCESTER CO** North River and tribs from SFC 157A to Mobjack Bay, except as otherwise

> MATHEWS CO segmented.

> > **MOBPH**

VA Overall AU Category: 5A

> Use **Impairment** 4.87 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2006 2010 VAP-C04E-23 Oxygen, Dissolved 01770 Aquatic Life

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**Pepper Creek** VAP-C04E PEP01A06 MATHEWS CO As described in the condemnation notice 040-085A, 12/27/2004.

**MOBPH** 

VA Overall AU Category:

Use

Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

DRAFT 6/28/2006 Page 1688 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

01770

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01770

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved

oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E PUT01A98 **Put In Creek** MATHEWS CO Described in the condemnation notice 041-005A, 9/15/2004.

Size adjusted in 2006 cycle, although area did not change.

**MOBPH** 

VA Overall AU Category:

Use

**Impairment** 

0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

01770 2004 2010 Aquatic Life Oxygen, Dissolved

VAP-C04E-23

In 2002, the segment was listed as being not supporting of the Aquatic Life use goal based on dissolved oxygen violations at 7-XDK000.10. However, during the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria and the TMDL

is due in 2010.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1689 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

01770

Chesapeake	Bay/Atlantic/Small	Coastal Basins
------------	--------------------	----------------

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

01770

Open-Water Aquatic Oxygen, Dissolved

Life

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

2004

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_ZZZ03A06 **Unsegmented estuaries in C04** MATHEWS CO Unsegmented portion within MOBPH

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

Oxygen, Dissolved

0.37 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

01770

2006

Impairment Specific Comments and/or Impairment Specific VA Category

2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved

Life

01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

DRAFT 6/28/2006 Page 1690 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Ray/Atlan	tic/Small	Coastal	Rasins
Chesaveake	Duv/Auan	uc/Sman	Coasiai	Dusins

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

01770

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C05E WAR01A02 Ware River **GLOUCESTER CO** Described in the condemnation notice 043-096A, 7/6/2004.

Size increased in 2006 cycle.

**MOBPH** 

VA Overall AU Category:

Use

**Impairment** 0.81 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 2010

Life

01770

2006

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1691 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 01770

VAP-C05E\_WAR02A02 Ware River GLOUCESTER CO Ware River downstream of SFC 096.

Size adjusted during 2006 cycle

MOBPH.

VA Overall AU Category: 54

Use Impairment 6.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01770 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Upen-water Aquatic Uxygen, dissolved 01770 2006 2010 VAP-004E-20

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.
The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1692 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 01770

VAP-C05E\_WIL01A98 Wilson Creek GLOUCESTER CO Described in the condemnation notice 043-096B, 7/6/2004.

Segment expanded in 2006 cycle

**MOBPH** 

VA Overall AU Category: 5A

Use Impairment 0.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01770 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1693 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 01770

VAP-C05E\_ZZZ01A00 Unsegmented estuaries in C05 GLOUCESTER CO Unsegmented portion of the watershed.

MOBPH

VA Overall AU Category: **5A** 

Use Impairment 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criter

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Life

exis exigen, blocored

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C06E\_FSC01A98 Free School Creek GLOUCESTER CO Tidal limit to mouth

**MOBPH** 

VA Overall AU Category: **5A** 

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01770 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1694 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesa	peake	Bay/A	<i><b>Atlantic</b></i>	:/Small	Coastal	<b>Basins</b>

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

01770

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01770

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**GLOUCESTER CO** Described in the condemnation notice 044-054A, 4/16/2004. VAP-C06E\_HEY01A98 **Heywood Creek** 

Size adjusted during 2006 cycle, although area did not change.

**MOBPH** 

VA Overall AU Category:

Use

Impairment

0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1695 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

01770

Chesapeake	Bay/Atlantic/Small	Coastal Basins
------------	--------------------	----------------

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

01770

Open-Water Aquatic Oxygen, Dissolved Life

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C06E MNC01A98 **Monday Creek GLOUCESTER CO** Described in the condemnation notice 125, 12/3/2002.

**MOBPH** 

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

01770 2006 2010 VAP-C04E-23 Oxygen, Dissolved

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

DRAFT 6/28/2006 Page 1696 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlan	tic/Small	Coastal	Basins

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

01770

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C06E\_ROW01A06 **Rowes Creek GLOUCESTER CO** Described in VDH-DSS Shellfish Condemnation 044-054M2, 4/16/2004

**MOBPH** 

VA Overall AU Category:

Use

Impairment

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

Impairment Specific Comments and/or Impairment Specific VA Category

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

01770

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1697 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlan	tic/Small	Coastal	Basins

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 01770

VAP-C06E\_SEN01A02 Northwest Branch Severn River GLOUCESTER CO Described in the condemnation notice 044-093A, 4/16/2004.

Size reduced in 2006 cycle.

**MOBPH** 

VA Overall AU Category: 5A

Use Impairment 0.33 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01770 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Life CAYGON, DISSOIVED

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1698 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID: 01770

VAP-C06E\_SEN02A06 Northwest Branch Severn River **GLOUCESTER CO** Mainstem and tribs not otherwise segmented

**MOBPH** 

VA Overall AU Category:

**Impairment** 0.46 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

01770 2006 2010 VAP-C04E-23 Open-Water Aquatic Oxygen, Dissolved

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C06E SES01A00 Southwest Branch Severn River **GLOUCESTER CO** Main stem, excluding small embayments at banks, and as otherwise

segmented.

**MOBPH** 

VA Overall AU Category:

Use

**Impairment** 0.64 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

DRAFT 6/28/2006 Page 1699 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Mobjack Bay Polyhaline

TMDL Group ID:

01770

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01770

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C06E SEV02A00

Severn River

**GLOUCESTER CO** 

End of NW branch to mouth, unless otherwise segmented.

**MOBPH** 

VA Overall AU Category:

5A

Use

Impairment

3.53 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01770

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1700 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Unit ID	Waterbody Name		City / Cour	nty*	Assessment Unit Description
Chesapeake Bay/Ai	tlantic/Small Coastal Bas	ins			
TMDL Watershed Name:			Mobjack	Bay Polyh	naline
TMDL Group ID	01770				
Open-Water Aquatic Life	Oxygen, Dissolved	01770	2006	2010	VAP-C04E-23
Life					During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
	Source	Agriculture Atmospheric Depositic Industrial Point Source Internal Nutrient Recy Loss of Riparian Habit Municipal Point Sourc Sources Outside State Wet Weather Discharg	e Discharge cling tat e Discharges e Juristiction or Bo		on of Stormwater, SSO or CSO)
VAP-C06E_THC01A98	Thorntons Creek		GLOUCESTE	R CO	Described in the condemnation notice 044-054B, 4/16/2004.
					Size increased in 2006 cycle.
					МОВРН
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MI	LES TMDL Group ID Fi	rst Listed on 303(c	l) TMDL Sched	dule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01770	2006	2010	VAP-C04E-23
					During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
	Source:	s: Agriculture Atmospheric Depositic Industrial Point Source Internal Nutrient Recy Loss of Riparian Habit Municipal Point Sourc Sources Outside State	e Discharge cling tat e Discharges e Juristiction or Bo		
Open-Water Aquatic	Oxygen, Dissolved	Wet Weather Dischard	ges (Point Source 2006	and Combination <b>2010</b>	on of Stormwater, SSO or CSO)  VAP-C04E-23
Life	Oxygell, Dissolved	01770	2000	2010	During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
	Source	s: Agriculture Atmospheric Deposition Industrial Point Source	=		

DRAFT 6/28/2006 Page 1701 of 2156

Internal Nutrient Recycling Loss of Riparian Habitat

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

01770

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C06E\_VGH01A98 Vaughans Creek **GLOUCESTER CO** Described in the condemnation notice 044-093B, 4/16/2004.

**MOBPH** 

VA Overall AU Category: 5A

Use

Impairment

0.12 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved

Life

01770 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1702 of 2156

01770

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID:

Willetts Creek GLOUCESTER CO Described in VDH Shellfish Condemnation 044-054M1, 4/16/2004

MOBPH

VA Overall AU Category: 5A

VAP-C06E\_WET01A06

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01770 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criter

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 01770 2006 2010 VAP-C04E-23

Life

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C06E\_ZZZ01A00 Unsegmented estuaries in C06 GLOUCESTER CO Unsegmented portion of the watershed.

**MOBPH** 

VA Overall AU Category: **5A** 

Use Impairment 1.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Oxygen, Dissolved** 01770 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

criteria.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1703 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

01770

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

01770

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID:

10118

VAP-C04E\_BKA01A98 **Back Creek**  **GLOUCESTER CO** 

Described in the condemnation notice 042-157C, 9/15/2004.

Size adjusted in 2006, although area did not change

**MOBPH** 

VA Overall AU Category:

Use

Impairment

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10118 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1704 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	l Coastal Basins
------------	--------------------	------------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID:

10118

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006

0118 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E BLW01A98 Blackwater Creek MATHEWS CO Described in the condemnation notice 042-131A, 9/17/2004.

Size adjusted in 2006 cycle, although area did not change.

**MOBPH** 

VA Overall AU Category: 54

Use

se impairmen

Impairment 0.51 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

10118

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

DRAFT 6/28/2006 Page 1705 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Citcsupcuite Duy/11ttuitte/Dittuit Coustul Dustits	Chesapeake	Bay/	'Atlantic	<b>Small</b>	Coastal	<b>Basins</b>
--	------------	------	-----------	--------------	---------	---------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID:

10118

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C04E\_DAV01A98 Davis Creek GLOUCESTER CO Described in the condemnation notice 042-131B, 9/17/2004.

Size extended in 2004 cycle.

**MOBPH** 

VA Overall AU Category: 54

Use

se mpairmei

Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10118

2006

2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1706 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Citcsupcuite Duy/11ttuitte/Dittuit Coustul Dustits	Chesapeake	Bay/	'Atlantic	<b>Small</b>	Coastal	<b>Basins</b>
--	------------	------	-----------	--------------	---------	---------------

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID:

10118

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**Davis Creek** MATHEWS CO VAP-C04E\_DVS01A98 Described in the condemnation notice 040-085B, 12/27/2004

Size increased in 2006 cycle.

**MOBPH** 

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

2006

2010

Impairment Specific Comments and/or Impairment Specific VA Category

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

10118

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

Aquatic Plants (Macrophytes)

10118

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1707 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_ELM01A98 Elmington Creek GLOUCESTER CO Described in the condemnation notice 042-157B, 9/17/2004.

Size increased in 2006 cycle.

**MOBPH** 

VA Overall AU Category: 54

Use Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1708 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_EST01A98 East River MATHEWS CO Described in the condemnation notice 092, 7/7/2003.

Size decreased in 2006 cycle.

acreage requirements.

**MOBPH** 

VA Overall AU Category: 54

Use Impairment 0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10118 **2006 2010** VAP-C04E-23

Sources: Agriculture
Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1709 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_EST02A00 East River MATHEWS CO East River and tribs from SFC 92 to mouth, not otherwise segmented.

MOBPH

VA Overall AU Category: 5A

Use Impairment 2.89 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1710 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_EST03A06 East River, UT MATHEWS CO Described in VDH-DSS SFC 041-212M2, 9/15/2004

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118

118 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1711 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Co	oastal Basins
----------------------------------	---------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_EST04A02 East River, UT MATHEWS CO As described in condemnation notice 041-212B, 9/15/2004.

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10118

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1712 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_EST05A06 East River, UT MATHEWS CO Described in VDH-DSS SFC 041-212M1, 9/15/2004

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10

10118 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1713 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin	Chesapeake	Bay/Atlant	tic/Small	Coastal E	Basins
---	------------	------------	-----------	-----------	--------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_MIS01A04 Miles Creek MATHEWS CO Described in VDH Condemnation Notice 041-212A, 9/15/2004.

**MOBPH** 

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1714 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID:

10118

VAP-C04E\_NOR01A02 North River GLOUCESTER CO Described in the condemnation notice 042-157A, 9/17/2004

MATHEWS CO

Size increased in 2006 cycle

**MOBPH** 

VA Overall AU Category: 5

Use Impairment

irment 0.69 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10118

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1715 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_NOR02A02 North River GLOUCESTER CO North River and tribs from SFC 157A to Mobjack Bay, except as otherwise

MATHEWS CO segmented.

**MOBPH** 

VA Overall AU Category: 5A

Use Impairment 4.87 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1716 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_PEP01A06 Pepper Creek MATHEWS CO As described in the condemnation notice 040-085A, 12/27/2004.

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1717 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID: 10118

VAP-C04E\_PUT01A98 **Put In Creek** MATHEWS CO Described in the condemnation notice 041-005A, 9/15/2004.

Size adjusted in 2006 cycle, although area did not change.

**MOBPH** 

VA Overall AU Category:

Impairment 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10118 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

VAP-C04E-23

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes) 10118 2006 2010

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1718 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C04E\_ZZZ03A06 Unsegmented estuaries in C04 MATHEWS CO Unsegmented portion within MOBPH

VA Overall AU Category: 5A

Use Impairment 0.37 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10118 **2006 2010** 

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1719 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C05E\_WAR01A02 Ware River GLOUCESTER CO Described in the condemnation notice 043-096A, 7/6/2004.

Size increased in 2006 cycle.

**MOBPH** 

VA Overall AU Category: 54

Use Impairment 0.81 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10118 **2006 2010** VAP-C04E-23

Sources: Agriculture
Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1720 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C05E\_WAR02A02 Ware River GLOUCESTER CO Ware River downstream of SFC 096.

Size adjusted during 2006 cycle

MOBPH.

VA Overall AU Category: 5.

Use Impairment 6.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10118 **2006 2010** VAP-C04E-23

Sources: Agriculture
Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1721 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C05E\_WIL01A98 Wilson Creek GLOUCESTER CO Described in the condemnation notice 043-096B, 7/6/2004.

Segment expanded in 2006 cycle

**MOBPH** 

VA Overall AU Category: 54

Use Impairment 0.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10118 **2006 2010** VAP-C04E-23

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1722 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C05E\_ZZZ01A00 Unsegmented estuaries in C05 GLOUCESTER CO Unsegmented portion of the watershed.

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10118

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1723 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C06E\_FSC01A98 Free School Creek GLOUCESTER CO Tidal limit to mouth

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1724 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID: 10118

VAP-C06E\_HEY01A98 **Heywood Creek GLOUCESTER CO** Described in the condemnation notice 044-054A, 4/16/2004.

Size adjusted during 2006 cycle, although area did not change.

**MOBPH** 

VA Overall AU Category:

Impairment 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10118 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

acreage requirements.

Sources: Agriculture

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1725 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C06E\_MNC01A98 Monday Creek GLOUCESTER CO Described in the condemnation notice 125, 12/3/2002.

**MOBPH** 

VA Overall AU Category: 5A

Use Impairment 0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10118 2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1726 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C06E\_ROW01A06 Rowes Creek GLOUCESTER CO Described in VDH-DSS Shellfish Condemnation 044-054M2, 4/16/2004

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10118 **2006** 

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1727 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C06E\_SEN01A02 Northwest Branch Severn River GLOUCESTER CO Described in the condemnation notice 044-093A, 4/16/2004.

Size reduced in 2006 cycle.

acreage requirements.

**MOBPH** 

VA Overall AU Category: 5

Use Impairment 0.33 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted.

The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1728 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C06E\_SEN02A06 Northwest Branch Severn River GLOUCESTER CO Mainstem and tribs not otherwise segmented

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.46 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10

10118 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1729 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins

Mobjack Bay Polyhaline TMDL Watershed Name:

TMDL Group ID: 10118

VAP-C06E\_SES01A00 **Southwest Branch Severn River GLOUCESTER CO** Main stem, excluding small embayments at banks, and as otherwise

segmented.

**MOBPH** 

VA Overall AU Category: 5A

> Use **Impairment** 0.64 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2006 2010 VAP-C04E-23 **Aquatic Plants (Macrophytes)** 10118 Aquatic Life

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 10118 2006 2010 VAP-C04E-23

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1730 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C06E\_SEV02A00 Severn River GLOUCESTER CO End of NW branch to mouth, unless otherwise segmented.

**MOBPH** 

VA Overall AU Category: 5A

Use Impairment 3.53 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1731 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID:

10118

VAP-C06E\_THC01A98 Thorntons Creek GLOUCESTER CO Described in the condemnation notice 044-054B, 4/16/2004.

Size increased in 2006 cycle.

**MOBPH** 

VA Overall AU Category:

Use Impairme

Impairment 0.07 SQUARE M

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10118

2006

2010

VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1732 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C06E\_VGH01A98 Vaughans Creek GLOUCESTER CO Described in the condemnation notice 044-093B, 4/16/2004.

**MOBPH** 

VA Overall AU Category: 5A

Use Impairment 0.12 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1733 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Sm	all Coastal Basins
--	------------	-----------------	--------------------

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID: 10118

VAP-C06E\_WET01A06 Willetts Creek GLOUCESTER CO Described in VDH Shellfish Condemnation 044-054M1, 4/16/2004

MOBPH

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1734 of 2156

10118

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline

TMDL Group ID:

Unsegmented estuaries in C06 GLOUCESTER CO Unsegmented portion of the watershed.

MOBPH

VA Overall AU Category: 5A

VAP-C06E\_ZZZ01A00

Use Impairment 1.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10118 2006 2010 VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10118

118 **2006 2010** VAP-C04E-23

During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation

acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1735 of 2156

**Assessment** Assessment Unit Description City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

VAT-C07E\_BAK01A00 Mainstem Back River

**HAMPTON CITY** POQUOSON CITY CITY

From junction of Northwest and Southwest Branches downstream to mouth of Back River. Portion of CBP Segment MOBPH. No DSS shellfish

condemnations.

VA Overall AU Category:

Use

**Impairment** 

0.56 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E BCB01A06 **Buckroe Beaches** 

**HAMPTON CITY** From northeast of Buckroe Beach southwest to Parallel with start of Mill Cr. Portion of CBP Segment CB8PH. No DSS shellfish condemnations.

VA Overall AU Category:

Use

Impairment 0.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1736 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C07E BCK01A00

**Back Creek - Upper** 

YORK CO

Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. From end of tidal waters downstream to point upstream of Dandy (RM 1.6). CBP Segment MOBPH. DSS shellfish condemnation # 053-151A.

VA Overall AU Category:

5A

**Impairment** Use

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d)

TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76081

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

DRAFT 6/28/2006 Page 1737 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake.	Bay/Atlar	ıtic/Small	Coastal	<b>Basins</b>
--	-------------	-----------	------------	---------	---------------

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76081

Sources: Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081 **2006** 

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_BCK02A06

Back Creek - Middle (DSS-marina area)

YORK CO

Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. Area within DSS shellfish condemnation # 053-151 M1, around marina area (Effective 2005-11-03).

VA Overall AU Category:

Use

Impairment

0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

5A

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1738 of 2156

**Assessment Unit ID** 

**Waterbody Name** City / County\* **Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_BCK03A06

**Back Creek - Lower** 

YORK CO

Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. From upstream of Dandy (RM 1.6) downstream to mouth (RM 0.0). DSS shellfish condemnation # 053-151 (OPEN, Effective 2004-04-26).

VA Overall AU Category:

5A Use

**Impairment** 

0.49 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

76081

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1739 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76081

VAT-C07E\_BRK01A06 Brick Kiln Creek HAMPTON CITY From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of

YORK CO tidal waters north of Ebenezer Church ) downstream to confluence with Northwest Br. Back R. CBP Segment MOBPH. Portion of DSS shellfish

condemnation #054-021C.

VA Overall AU Category: 5A

Use Impairment

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1740 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

VAT-C07E\_CCR01A06 **Cedar & Topping Creeks** POQUOSON CITY CITY Located near City of Poguoson. Cedar & Topping Creeks are tribs to the

north shore of the Northwest Branch of Back River. Portion of DSS condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion), CBP

Segment MOBPH. VA Overall AU Category: 5A

Use **Impairment** 0.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2010 76081 2006 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure Aquatic Life Aquatic Plants (Macrophytes) to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment)

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

POQUOSON CITY CITY VAT-C07E\_CHS01A06

From end of tidal waters (upper 2/3 of creek), downstream to area of Chisman Creek-Upper & Goose Cr Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS

condemnation # 053-137A. VA Overall AU Category: 5A

**Impairment** Use 0.51 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

Sources: Agriculture

DRAFT 6/28/2006 Page 1741 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76081

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E CHS02A06

**Chisman Creek-Lower North Shore (Marina)** 

POQUOSON CITY CITY

2006

North shore of creek, area of Cheeseman. Contains DSS seasonal condemnation # 053-137 M2. CBP Segment MOBPH.

VA Overall AU Category:

**Impairment** Use

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76081

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1742 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

**Mobjack Bay Polyhaline Embayments** TMDL Watershed Name:

TMDL Group ID:

76081

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2010

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_CHS02B06

Chisman Creek - Lower

POQUOSON CITY CITY

Lower 1/3 of creek, downstream from area of Evergreen Shores (RM 0.9) to mouth. CBP Segment MOBPH. DSS (OPEN) condemnation # 053-137.

VA Overall AU Category: 5A

Use

**Impairment** 

0.64 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

**Aquatic Plants (Macrophytes)** Aquatic Life

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1743 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_EAS01A06

**Easton Cove/Floyds Bay** 

POQUOSON CITY CITY

Located in southeast corner of Bennett Cr, trib to Poquoson River. Area of York Haven Anchorage. Includes Easton Cove and Floyds Bay. DSS shellfish condemnation # 053-137I (Effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category:

5A Use

**Impairment** 

0.18 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76081 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1744 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Bas
---

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76081

VAT-C07E\_FRT01A06 Front Cove POQUOSON CITY CITY North shore trib. to mainstem Back R. Adjacent to Messick Point. DSS

shellfish condemnation # 054-021A (Effective 2004-06-02, previously in #

193 - effective 1998-06-24). CBP Segment MOBPH.

VA Overall AU Category: **5A** 

Use Impairmer

Impairment 0.08

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_GRV01A06 Grandview Pier & Saltponds Beaches

HAMPTON CITY

From Grandview beach southwest to northeast of Buckroe Beach. Portion of CBP Segment CB8PH. No DSS shellfish condemnations.

VA Overall AU Category: 5/

Use

Impairment

0.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1745 of 2156

Assessment Unit ID

Waterbody Name

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E HAR01A06

Harris River - Upper

HAMPTON CITY

South shore trib. to mainstem Back R. Adjacent to Fox Hill area. DSS shellfish condemnation # 054-215A (Effective 2004-06-02, previously in # 054-021G - effective 2002-06-25). CBP Segment MOBPH.

VA Overall AU Category: 5A

Use

**Impairment** 

0.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1746 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

**Mobjack Bay Polyhaline Embayments** TMDL Watershed Name: TMDL Group ID: 76081 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure Shallow-Water **Aquatic Plants (Macrophytes)** 76081 2006 to meet the SAV acreage criteria provided by the CBPO 12/1/2005. Submerged Aquatic Vegetation Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E HAR02A06

Aquatic Life

VA Overall AU Category: 5A

Use

Impairment

Harris River - Lower

Aquatic Plants (Macrophytes)

0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

76081

2006

HAMPTON CITY

2010

Impairment Specific Comments and/or Impairment Specific VA Category

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

South shore trib. to mainstem Back R. Adjacent to Fox Hill area. From end of upstream DSS condemn (approx. RM 0.5) downstream to mouth. No DSS shellfish harvesting condemnation. CBP Segment MOBPH.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76081

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1747 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76081

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_INB01A04 DSS Inlet #2-Unnamed Inlet of Back River HAMPTON CITY South shore trib. to mainstem Back R.Located in unnamed inlet west of

Dandy Point. On south shore of Back River, southwest of mouth and east of Harris R. DSS condemnation # 054-215B (effective 2004-06-02). CBP

Segment MOBPH.

VA Overall AU Category:

Use

Impairment

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1748 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

VAT-C07E\_LMC01A04 **Lambs Creek - Poquoson River** POQUOSON CITY CITY

YORK CO

South shore tributary to Poguoson R, west of Poguoson Shores. On border of Poguoson/York boundary. Between Moores Cr. and Roberts Cr to east. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26), CBP Segment MOBPH.

VA Overall AU Category:

Use **Impairment** 

0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_LON01A06 Long & Grunland Creeks - Back River **HAMPTON CITY** 

South shore trib. to mainstem Back R. Adjacent to Grandview area. DSS (ADMINISTRATIVE) shellfish harvesting condemnation # 054-215 D (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category:

5A Use

**Impairment** 

0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

DRAFT 6/28/2006 Page 1749 of 2156

2006

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E LYO01A06

Lyons Creek - Upper

POQUOSON CITY CITY

South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: 5A

Use

**Impairment** 

0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76081

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2006

DRAFT 6/28/2006 Page 1750 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

**Mobjack Bay Polyhaline Embayments** TMDL Watershed Name:

TMDL Group ID:

76081

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_LYO02A06

**Lyons Creek - Lower** 

POQUOSON CITY CITY

South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS (OPEN) Shellfish condemnation # 053-137 (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category:

Use

Impairment

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

76081

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1751 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76081

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E NEW01A02

**Newmarket Creek - Upper** 

**HAMPTON CITY** 

South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category:

Use

Impairment

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

76081

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1752 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76081

VAT-C07E\_NEW02A02 **Newmarket Creek - Lower** HAMPTON CITY South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM

5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02), CBP Segment MOBPH.

VA Overall AU Category:

Impairment Use

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d)

TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Aquatic Life 76081 2006 2010

Aquatic Plants (Macrophytes) The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E NWB01A06 Northwest Br. Back River - Upper

**HAMPTON CITY** POQUOSON CITY CITY

Headwaters to confluence of Topping Creek @ RM 1.5, end of DSS shellfish condemnation #054-021C. Condemnation less Cedar/Topping & Brick Kiln Creeks. CBP Segment MOBPH.

VA Overall AU Category:

**Impairment** Use

0.39 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081

2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1753 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E NWB02A06

Northwest Br. Back River - Lower

**HAMPTON CITY** POQUOSON CITY CITY From area of confluence of Topping Creek (approx. RM 1.5) downstream to confluence with mainstem Back R. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.

VA Overall AU Category:

5A Use

**Impairment** 

1.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1754 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

**Mobjack Bay Polyhaline Embayments** TMDL Watershed Name:

TMDL Group ID:

76081

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E POQ01A06

Poquoson River - Upper

YORK CO

From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks. CBP Segment MOBPH.

VA Overall AU Category:

Use

**Impairment** 

0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1755 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E POQ02A06

Poquoson River - Lower

YORK CO

From point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck to mouth. No DSS shellfish harvesting condemnation. CBP

Segment MOBPH.

VA Overall AU Category:

Use

Impairment

2.45 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76081

2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1756 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID: 76081

VAT-C07E\_POQ02B04 Unnamed Cove - Poquoson River YORK CO North shore trib to Poquoson R. east of Piney Point Estates. DSS shellfish

condemnation # 053-137B. CBP Segment MOBPH.

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_PTC01A04 Patricks Creek - Poquoson River YORK CO North shore trib to Poquoson R. South of Dare area.DSS Shellfish condemnation # 053-137 C. CBP Segment MOBPH.

VA Overall AU Category: **5A**Use

Impairment 0.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1757 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E ROB01A04

**Roberts Creek - Poquoson River** 

POQUOSON CITY CITY

South shore trib to Poquoson R. South of Dare area. DSS Shellfish condemnation # 053-137 F. CBP Segment MOBPH.

VA Overall AU Category:

5A

Use

**Impairment** 

0.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76081

2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1758 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins
------------	--------------------	----------------

**Mobjack Bay Polyhaline Embayments** TMDL Watershed Name:

TMDL Group ID: 76081

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E SWB01A06 Southwest Branch - Back River HAMPTON CITY

Headwaters of Southwest Branch downstream to mouth, confluence with Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E. CBP segment MOBPH.

VA Overall AU Category: 5A

Use

Impairment

1.76 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081

2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1759 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76081

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_TBC01A04 Tabbs Creek - Back River POQUOSON CITY CITY Tributary to Northwest Branch Back River. Portion of DSS shellfish

condemnation # 054-021D. CBP segment MOBPH.

VA Overall AU Category:

Use

Impairment

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1760 of 2156

76081

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

VAT-C07E\_WAL01A06 Wallace Creek - Upper (Back River) HAMPTON CITY Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2.

Most ustream tip of creek. DSS (ADMINISTRATIVE) shellfish condemnation

# 054-215 E. CBP segment MOBPH.

VA Overall AU Category: **5A** 

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_WAL02A06 Wallace Creek - Lower (Back River) HAMPTON CITY Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. DSS shellfish condemnation # 054-215 C. CBP segment MOBPH.

VA Overall AU Category: 54

Use

Impairment 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1761 of 2156

**Assessment Unit ID** 

City / County\* **Waterbody Name** 

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76081

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E WAT01A06

Watts Creek - (NW Br. Back River)

POQUOSON CITY CITY

2006

Located southwest of Poquoson. Watts Cr. trib to Northwest Br. of Back R. Portion of DSS condemnation # 054-021B. CBP segment MOBPH.

VA Overall AU Category:

5A Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Aquatic Plants (Macrophytes)

76081

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1762 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID: 76081

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E WHH01A06 White House Cove - Upper POQUOSON CITY CITY

POQUOSON CITY CITY Located in York Haven Anchorage area, south of mouth of Poquoson R, area of DSS Shellfish condemnation # 053-137 H. CBP segment MOBPH.

VA Overall AU Category: **5A** 

Use Impairment

0.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1763 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76081

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_ZZZ01A00 Unsegmented estuaries in C07E HAMPTON CITY Non segmented areas of C07E. No DSS direct shellfish harvesting

YORK CO condmenation. CBP Segment MOBPH.

VA Overall AU Category: 5

Use I

Impairment 31.81 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76081 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76081

2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1764 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

VAT-C07E\_BAK01A00 **Mainstem Back River** 

HAMPTON CITY POQUOSON CITY CITY

From junction of Northwest and Southwest Branches downstream to mouth of Back River. Portion of CBP Segment MOBPH. No DSS shellfish

condemnations.

VA Overall AU Category:

**Impairment** Use

0.56 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E BCK01A00 Back Creek - Upper YORK CO Back Creek (S of York R mouth) is a tributary to The Thorofare and

> Chesapeake Bay. From end of tidal waters downstream to point upstream of Dandy (RM 1.6). CBP Segment MOBPH. DSS shellfish condemnation #

053-151A.

VA Overall AU Category:

Use

**Impairment** 

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1765 of 2156

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake .	Bay/Atlan	ntic/Small	Coastal	<b>Basins</b>
--	--------------	-----------	------------	---------	---------------

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_BCK02A06 Back Creek - Middle (DSS-marina area) YORK CO

Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. Area within DSS shellfish condemnation # 053-151 M1, around marina area (Effective 2005-11-03).

VA Overall AU Category:

Aquatic Life

5A Use

**Impairment** 

0.19 SQUARE MILES TMDL Group ID First Listed on 303(d)

2006

2010

TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

Oxygen, Dissolved

76082

76082

2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1766 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small
-------------------------------

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_BCK03A06 **Back Creek - Lower** YORK CO Back Creek (S of York R mouth) is a tributary to The Thorofare and

Chesapeake Bay. CBP Segment MOBPH. From upstream of Dandy (RM 1.6) downstream to mouth (RM 0.0). DSS shellfish condemnation # 053-151

(OPEN, Effective 2004-04-26).

VA Overall AU Category:

Use

Impairment

0.49 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1767 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

VAT-C07E\_BRK01A06 **Brick Kiln Creek** HAMPTON CITY From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of

YORK CO tidal waters north of Ebenezer Church ) downstream to confluence with Northwest Br. Back R. CBP Seament MOBPH. Portion of DSS shellfish

condemnation #054-021C.

VA Overall AU Category:

Use **Impairment** 0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved 76082 2004 Aquatic Life Oxygen, Dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

> 2/26/2006 CFD results supplied by CBPO). Previously impaired 2004 IR (VAT-C07E-01) for site specific DO impairment at DEQ station 7-BRK004.14.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved Life

76082 2004 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Previously impaired 2004 IR (VAT-C07E-

01) for site specific DO impairment at DEQ station 7-BRK004.14.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

POQUOSON CITY CITY Located near City of Poguoson. Cedar & Topping Creeks are tribs to the VAT-C07E CCR01A06 Cedar & Topping Creeks north shore of the Northwest Branch of Back River. Portion of DSS

> condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion). CBP Segment MOBPH.

VA Overall AU Category: Use

**Impairment** 0.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

DRAFT 6/28/2006 Page 1768 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E CHS01A06

Chisman Creek-Upper & Goose Cr

POQUOSON CITY CITY

From end of tidal waters (upper 2/3 of creek), downstream to area of Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS condemnation # 053-137A.

VA Overall AU Category:

Use

**Impairment** 

0.51 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1769 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Oxygen, Dissolved

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_CHS02A06 Chisman Creek-Lower North Shore (Marina) POQUOSON CITY CITY North shore of creek, area of Cheeseman. Contains DSS seasonal

condemnation # 053-137 M2. CBP Segment MOBPH.

VA Overall AU Category: 5A

Impairment Use

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1770 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay	'Atlantic/	Small (	Coastal .	Basins
----------------	------------	---------	-----------	--------

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

VAT-C07E\_CHS02B06 Chisman Creek - Lower

POQUOSON CITY CITY

Lower 1/3 of creek, downstream from area of Evergreen Shores (RM 0.9) to mouth. CBP Segment MOBPH. DSS (OPEN) condemnation # 053-137.

VA Overall AU Category:

**Impairment** Use

0.64 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_EAS01A06

Easton Cove/Floyds Bay

POQUOSON CITY CITY

Located in southeast corner of Bennett Cr, trib to Poquoson River. Area of York Haven Anchorage. Includes Easton Cove and Floyds Bay. DSS shellfish condemnation # 053-137I (Effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category:

Use

**Impairment** 

0.18 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1771 of 2156

2006

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved Life

76082 2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C07E FRT01A06

**Front Cove** 

POQUOSON CITY CITY

North shore trib. to mainstem Back R. Adjacent to Messick Point. DSS shellfish condemnation # 054-021A (Effective 2004-06-02, previously in # 193 - effective 1998-06-24). CBP Segment MOBPH.

VA Overall AU Category:

**Impairment** Use

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

76082

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1772 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76082

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_HAR01A06 Harris River - Upper **HAMPTON CITY** South shore trib. to mainstem Back R. Adjacent to Fox Hill area. DSS

shellfish condemnation # 054-215A (Effective 2004-06-02, previously in #

054-021G - effective 2002-06-25). CBP Segment MOBPH.

VA Overall AU Category:

**Impairment** Use

0.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 76082 Aquatic Life 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Oxygen, Dissolved 2010

Open-Water Aquatic Life

76082 2006 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1773 of 2156

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

VAT-C07E\_HAR02A06 Harris River - Lower HAMPTON CITY South shore trib. to mainstem Back R. Adjacent to Fox Hill area. From end

of upstream DSS condemn (approx. RM 0.5) downstream to mouth. No DSS shellfish harvesting condemnation, CBP Segment MOBPH.

VA Overall AU Category:

Use

**Impairment** 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E INB01A04 DSS Inlet #2-Unnamed Inlet of Back River **HAMPTON CITY** South shore trib, to mainstem Back R.Located in unnamed inlet west of

> Dandy Point. On south shore of Back River, southwest of mouth and east of Harris R. DSS condemnation # 054-215B (effective 2004-06-02). CBP

Seament MOBPH.

VA Overall AU Category:

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Use Aquatic Life

Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1774 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins

Chesapeake Bay/Att	lantic/Small Coastal Bas	ins			
TMDL Watershed Name:	Mobjack Bay Polyhaline Embayments				
TMDL Group ID:	76082				
	Source	s: Internal Nutrient Red	cycling		
		Loss of Riparian Hal	oitat		
		Municipal Point Soul	ce Discharges		
		Sources Outside Sta	ite Juristiction or	Borders	
		Wet Weather Discha	• (	•	
		Wet Weather Discha	arges (Point Sour	ce and Combination	on of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	76082	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Source	s: Agriculture			
		Atmospheric Deposi	tion - Nitrogen		
		Industrial Point Sour	ce Discharge		
		Internal Nutrient Red			
		Loss of Riparian Hal			
		Municipal Point Soul	· ·		
		Sources Outside Sta			
		Wet Weather Discha	• ,	•	
		Wet Weather Discha	arges (Point Sour	ce and Combinati	on of Stormwater, SSO or CSO)
VAT-C07E_LMC01A04	Lambs Creek - Poquoson River		POQUOSON ( YORK		South shore tributary to Poquoson R, west of Poquoson Shores. On border of Poquoson/York boundary. Between Moores Cr. and Roberts Cr to east. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.
VA Overall ALI Category: 5A					

VAT-C07E_LMC01A04	Lambs Creek - Poquoson River

VA Overall AU Category:

Impairment Use

0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082

2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1775 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76082

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E LON01A06 Long & Grunland Creeks - Back River HAMPTON CITY South shore trib. to mainstem Back R. Adjacent to Grandview area. DSS

(ADMINISTRATIVE) shellfish harvesting condemnation # 054-215 D

(effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: 5/

Use Imp

Impairment

0.17 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Wet Weather Discharges (Folia Source and Combination of Stormwater, 330 of C30

Open-Water Aquatic Life Oxygen, Dissolved

76082 **2006** 

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1776 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay	'Atlantic/.	Small (	Coastal 1	Basins
----------------	-------------	---------	-----------	--------

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76082

VAT-C07E\_LYO01A06 Lyons Creek - Upper

POQUOSON CITY CITY

South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category:

Use

Impairment 0.04

Oxygen, Dissolved

0.04 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

2006

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

76082

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic

Life

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_LYO02A06

**Lyons Creek - Lower** 

POQUOSON CITY CITY

South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS (OPEN) Shellfish condemnation # 053-137 (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category:

Use

Impairment

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d)

303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

76082

2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1777 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2004

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E NEW01A02

**Newmarket Creek - Upper** 

**HAMPTON CITY** 

South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category:

Use

**Impairment** 

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

76082

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2004

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1778 of 2156

Assessment Unit ID

Waterbody Name

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_NEW02A02

**Newmarket Creek - Lower** 

HAMPTON CITY

South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category:

Use I

Impairment 0.08 SQUARE MII

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved

76082 **2004** 

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Previously impaired 2004 IR (VAT-C07E-03) for site specific DO impairment at DEQ station 7-NEW001.92.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

76082

2004

2010

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Previously impaired 2004 IR (VAT-C07E-03) for site specific DO impairment at DEQ station 7-NEW001.92.

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1779 of 2156

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

VAT-C07E\_NWB01A06 Northwest Br. Back River - Upper

HAMPTON CITY POQUOSON CITY CITY Headwaters to confluence of Topping Creek @ RM 1.5, end of DSS shellfish condemnation #054-021C. Condemnation less Cedar/Topping & Brick Kiln Creeks, CBP Segment MOBPH.

VA Overall AU Category:

Use

**Impairment** 0.39 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved

Life

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E NWB02A06 Northwest Br. Back River - Lower

**HAMPTON CITY** POQUOSON CITY CITY

From area of confluence of Topping Creek (approx. RM 1.5) downstream to confluence with mainstem Back R. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.

VA Overall AU Category:

**Impairment** Use

1.11 SQUARE MILES TMDL Group ID First Listed on 303(d)

Impairment Specific Comments and/or Impairment Specific VA Category

TMDL Schedule Aquatic Life

Oxygen, Dissolved 76082 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1780 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins

OTHER	Trattorio de la Trattorio		only .		•
Chesapeake Bay/A	tlantic/Small Coasta	al Basins			
TMDL Watershed Name:		Mobjack Bay Polyhaline Embayments			
TMDL Group II	76082				
		Sources Ou Wet Weath	oint Source Discharges state State Juristiction or Discharges (Non-Po	or Borders int Source)	tion of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	760	082 <b>2006</b>	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources: Agriculture			======================================
		•	c Deposition - Nitrogen		
		·	oint Source Discharge		
			rient Recycling		
			arian Habitat		
		•	oint Source Discharges	6	
		Sources Ou	itside State Juristiction	or Borders	
		Wet Weath	er Discharges (Non-Po	int Source)	
		Wet Weath	er Discharges (Point So	ource and Combinat	tion of Stormwater, SSO or CSO)
VAT-C07E_POQ01A06	Poquoson River - Upper		YOR	K CO	From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b>		DIADE MILES TADI C	oup ID. First Listed on	202(d) TMDI Scho	adula Impairment Specific Comments and/or Impairment Specific VA Category

VA	Overall	ΑU	Category:	54
----	---------	----	-----------	----

Open-Water Aquatic

Impairment Use 0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life 76082 Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Life

Oxygen, Dissolved

76082 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1781 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_POQ02A06 Poguoson River - Lower YORK CO From point downstream of confluence of Quarter March Creek (RM 2.7) @

Calthrop Neck to mouth. No DSS shellfish harvesting condemnation. CBP

Segment MOBPH.

VA Overall AU Category:

Use

**Impairment** 

2.45 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

76082 Aquatic Life Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1782 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay	'Atlantic/.	Small (	Coastal 1	Basins
----------------	-------------	---------	-----------	--------

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID: 76082

VAT-C07E\_POQ02B04 **Unnamed Cove - Poquoson River** YORK CO North shore trib to Poquoson R. east of Piney Point Estates. DSS shellfish

condemnation # 053-137B. CBP Segment MOBPH.

VA Overall AU Category:

**Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

VAT-C07E\_PTC01A04

Oxygen, Dissolved

Patricks Creek - Poquoson River

76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

condemnation # 053-137 C. CBP Segment MOBPH.

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

YORK CO North shore trib to Poquoson R. South of Dare area. DSS Shellfish

VA Overall AU Category: 5A

**Impairment** 0.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Oxygen, Dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1783 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_ROB01A04

Roberts Creek - Poquoson River

POQUOSON CITY CITY

South shore trib to Poquoson R. South of Dare area. DSS Shellfish condemnation # 053-137 F. CBP Segment MOBPH.

VA Overall AU Category:

5A Use

**Impairment** 

0.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

76082 2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76082

2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1784 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

76082

Oxygen, Dissolved

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E SWB01A06 Southwest Branch - Back River **HAMPTON CITY** Headwaters of Southwest Branch downstream to mouth, confluence with Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E.

CBP segment MOBPH.

2/26/2006 CFD results supplied by CBPO).

VA Overall AU Category:

Use

**Impairment** 

1.76 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_TBC01A04 **Tabbs Creek - Back River** POQUOSON CITY CITY

Tributary to Northwest Branch Back River. Portion of DSS shellfish

condemnation # 054-021D. CBP segment MOBPH.

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 76082 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

DRAFT 6/28/2006 Page 1785 of 2156

Assessment Unit ID

Waterbody Name City / County\*

Assessment Unit Description

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Sources: Atmospheric Deposition - Nitrogen

Industrial Point Source Discharge Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sources Outside State Juristiction or Bo

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E WAL01A06

Wallace Creek - Upper (Back River)

**HAMPTON CITY** 

Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. Most ustream tip of creek. DSS (ADMINISTRATIVE) shellfish condemnation # 054-215 E. CBP segment MOBPH.

VA Overall AU Category:

Use

Impairment

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life Oxygen, Dissolved

76082

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1786 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

Oxygen, Dissolved

Sources: Industrial Point Source Discharge

Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_WAL02A06 Wallace Creek - Lower (Back River) HAMPTON CITY Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. DSS shellfish condemnation # 054-215 C. CBP segment MOBPH.

VA Overall AU Category: 5A

Impairment Use

0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

76082

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1787 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay	/Atlani	tic/Small	Coastal	Basins
----------------	---------	-----------	---------	--------

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments** 

TMDL Group ID:

76082

VAT-C07E\_WAT01A06 Watts Creek - (NW Br. Back River) POQUOSON CITY CITY

Located southwest of Poquoson. Watts Cr. trib to Northwest Br. of Back R. Portion of DSS condemnation # 054-021B. CBP segment MOBPH.

VA Overall AU Category:

Use

**Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Open-Water Aquatic

Life

Oxygen, Dissolved

76082

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C07E\_WHH01A06 White House Cove - Upper POQUOSON CITY CITY

Located in York Haven Anchorage area, south of mouth of Poquoson R, area of DSS Shellfish condemnation # 053-137 H. CBP segment MOBPH.

VA Overall AU Category: 5A

Use

**Impairment** 

0.10 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76082 2006 2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1788 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins
1	•	

OTHE IS		<del>-</del>	-117	,	-
Chesapeake Bay/Atlantic/Small Coastal Basins					
TMDL Watershed Name:		ı	Mobjack Bay Pol	yhaline E	Embayments
TMDL Grou	ip ID: 76082				
		Wet Weather Dis	State Juristiction or Boro charges (Non-Point Sour	ce)	ion of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	76082	2006	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources Outside Wet Weather Dis	ource Discharge Recycling Habitat cource Discharges State Juristiction or Bord charges (Non-Point Soul	ce)	ion of Stormwater, SSO or CSO)
VAT-C07E_ZZZ01A00	Unsegmented estuaries in	C07E	HAMPTON CI YORK CO	ΓΥ	Non segmented areas of C07E. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.
VA Overall AU Category: Use	5A Impairment 31.81 s	SQUARE MILES TMDL Group II	D First Listed on 303(d)	TMDL Scheo	dule Impairment Specific Comments and/or Impairment Specific VA Category

2/26/2006 CFD results supplied by CBPO).

Aquatic Life 76082 Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic 76082 Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

Life oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1789 of 2156

76082

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Mobjack Bay Polyhaline Embayments

TMDL Group ID:

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name: Moore Creek

TMDL Group ID: 00990

VAP-C03E\_MRE01A02 Moore Creek MIDDLESEX CO As described in the condemnation notice 034-208A, 12/30/2004.

Area expanded in 2006 cycle. Segment MRE02A02 was incorporated into

this segment, then deleted.

PIAMH.

VA Overall AU Category: 5A

Use Impairm

Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

 Shellfishing
 Fecal Coliform
 00990
 2002
 2014
 00990 (SF)

VAP-C03E-07

VDH-DSS Condemnation 034-208A, 12/30/2004. Area expanded in the 2006 cycle.

Sources: Source Unknown

TMDL Watershed Name: Morris Creek

TMDL Group ID: 01011

VAP-C04E MRC01A98 Morris Creek MATHEWS CO Tidal limit to approximately rivermile 0.15.

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

 Shellfishing
 Fecal Coliform
 01011
 2002
 2014
 VAP-C04E-05

VDH-DSS Shellfish Condemnation 061 was expanded in 2004 cycle and incorporated the old condemnations on Stutts (due 2010) and Morris Creeks (due 2014). During the 2006 cycle, the segment was shortened again and the segments were split. The

Morris Creek closure is included in 037-061B, 7/15/2004

Sources: Source Unknown

DRAFT 6/28/2006 Page 1790 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Morris Creek	
TMDL Group ID:	01011		
VAP-C04E_MRC02A06	Morris Creek	MATHEWS CO	Rivermile 0.15 downstream to end of condemnation 037-061B, 7/15/2004
			PIAMH
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01011 <b>2002 2014</b>	VAP-C04E-05
			VDH-DSS Shellfish Condemnation 061 was expanded in 2004 cycle and incorporated the old condemnations on Stutts (due 2010) and Morris Creeks (due 2014). During the 2006 cycle, the segment was shortened again and the segments were split. The Morris Creek closure is included in 037-061B, 7/15/2004
	Sources: So	ource Unknown	
TMDL Watershed Name:		Muddy Creek	
TMDL Group ID:	01235		
VAT-C10E_MUD01A04	Muddy Creek - Upper	ACCOMACK CO	Located Southeast of Bryds Marsh and northeast of Town of Bloxom on Eastern Shore. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 076-176 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.34 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform  Sources: So	01235 <b>1998 2010</b> ource Unknown	DSS shellfish direct harvesting condemnation # 076-176 A.
TMDL Group ID:	01449		
VAT-C10E_MUD01A04	Muddy Creek - Upper	ACCOMACK CO	Located Southeast of Bryds Marsh and northeast of Town of Bloxom on Eastern Shore. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 076-176 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.34 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	01449 <b>2006 2016</b>	The Recreation Use is impaired based on exceedance of the Fecal Coliform ( 2 violates / 12 obs.) and the Enterococcus bacteria criterias ( 2 violates / 3 obs.).
		ource Unknown	
Recreation	Fecal Coliform	01449 <b>1998 2016</b>	The Recreation Use is impaired based on exceedance of the Fecal Coliform (2 violates / 12 obs.) and the Enterococcus bacteria criterias (2 violates / 3 obs.).
	Sources: So	ource Unknown	

DRAFT 6/28/2006 Page 1791 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basin	ıs	
TMDL Watershed Name:		Nandua Creek	
TMDL Group ID:	00301		
VAT-C13E_NAN01A00	Nandua Creek - Upper	ACCOMACK CO	Southeast of Hacks Neck area. The two most upstream branches of Nandua Creek and mainstem downstream to area of Nandua (approx. RM 4.5). Includes Kusian Cove. Portion of CBP segment CB7PH. DSS condemnation # 082-160 A.
VA Overall AU Category: 5A Use Shellfishing	Fecal Coliform	S TMDL Group ID First Listed on 303(d) TMDL Schedu 00301 1998 2010 Source Unknown	Impairment Specific Comments and/or Impairment Specific VA Category DSS condemnation # 082-160 A.
TMDL Watershed Name:		Narrow Channel Bra	anch
TMDL Group ID:	01474		
VAT-D06R_NCB01A04	Narrow Channel Branch	NORTHAMPTON CO	Located east of Bayview. Segment from headwaters downstream to start of tidal waters.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.48 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life <b>Benthic</b>	:-Macroinvertebrate Bioassessments (Streams)	01474 <b>2004 2016</b>	The Aquatic Life Use is impaired due to impacts to the stream's benthic population. DEQ Streams Benthic-Macroinvertebrate Bioassessments determines impairment by benthic assessment ratings of SI (spring 2001) & MI (fall 2001).
	Sources:	Source Unknown	
TMDL Group ID:	01475		
VAT-D06R_NCB01A04	Narrow Channel Branch	NORTHAMPTON CO	Located east of Bayview. Segment from headwaters downstream to start of tidal waters.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.48 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01475 <b>2004 2016</b>	The Recreatiion Use is impaired due to exceedance ( 2 violates / 2 obs. ) of the criteria for fecal coliform bacteria. Need additional data, minimal observations (2) on which to base assessment.
	Sources:	Source Unknown	

DRAFT 6/28/2006 Page 1792 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atl	lantic/Small Coastal Basi	ns	
TMDL Watershed Name:		Nassawadox Creel	k, Upper
TMDL Group ID:	01239		
VAT-C13E_NSS01A06	Nassawadox Creek - Upper	NORTHAMPTON CO	From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS condemnation # 085-110 B.
VA Overall AU Category: 5A Use Shellfishing	Fecal Coliform	ES TMDL Group ID First Listed on 303(d) TMDL Sch 01239 1998 2010 Source Unknown	Impairment Specific Comments and/or Impairment Specific VA Category  DSS shellfish condemnation # 085-110 B.
TMDL Watershed Name:		New Market Creek - Lo	wer Riverine
TMDL Group ID:	76003		
VAT-C07R_NEW01A06	New Market Creek - Lower Riverine	HAMPTON CITY	From 0.1 mi. below Chestnut Ave. downstream to 0.65 mi. below Aberdeen Rd. crossing. Lowermost riverine portion, prior to start of tidal influence. In area of Mount Olive Cemetery.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Sch	ledule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	76003 <b>2006 2018</b>	Probably related to downstream DO impairment (TMDL_ID VAT-C07E-03). The Aquatic Life impairment is due to dissolved oxygen concentrations ( 3 violates / 8 obs.) below the minimum criteria (4.0 mg/L). Within area of dense residential and commercial development.
	Sources:	Municipal (Urbanized High Density Area) Source Unknown	
TMDL Group ID:	76004		
VAT-C07R_NEW01A06	New Market Creek - Lower Riverine	HAMPTON CITY	From 0.1 mi. below Chestnut Ave. downstream to 0.65 mi. below Aberdeen Rd. crossing. Lowermost riverine portion, prior to start of tidal influence. In area of Mount Olive Cemetery.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Sch	ledule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	76004 2006 2018	The Recreation Use is impaired due to exceedance ( 6 violates / 8 obs.) of the fecal coliform bacteria criteria. Probably related to downstream fecal coliform impairment (TMDL_ID VAT-C07E-03).
	Sources:	Source Unknown	

DRAFT 6/28/2006 Page 1793 of 2156

Assessment Unit ID	Waterbody Name		City / County	<b>k</b>	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Bo	isins			
TMDL Watershed Name:			Newmar	ket Cree	k
TMDL Group ID:	00415				
VAT-C07E_NEW01A02	Newmarket Creek - Upper		HAMPTON CITY	′	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE	MILES TMDL Group ID F	rst Listed on 303(d) T	MDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	00415	2006	2010	Recreation Use impaired due to Enterococcus concentrations ( 8 violates / 12 obs.) exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached).
	Sour	ces: Source Unknown			
VAT-C07E_NEW02A02	Newmarket Creek - Lower		HAMPTON CITY	′	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE	MILES TMDL Group ID F	rst Listed on 303(d) T	MDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	00415	2006	2010	Recreation Use impaired due to Enterococcus concentrations (8 violates / 12 obs.) exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached).
	Sour	ces: Source Unknown			
Shellfishing	Fecal Coliform Sour	00415 ces: Discharges from Mun	1998 icipal Separate Storm S	<b>2010</b> Sewer Syster	DSS shellfish condemnation # 054-021 E (effective 2004-06-02). ms (MS4)
TMDL Watershed Name:			Newmarket	Creek, U	pper
TMDL Group ID:	01212				
VAT-C07E_NEW01A02	Newmarket Creek - Upper		HAMPTON CITY	′	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE	MILES TMDL Group ID F	rst Listed on 303(d) T	MDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01212 ces: Discharges from Mun	1998	2010	DSS shellfish condemnation # 054-021 E (effective 2004-06-02).
		-	·	-	

DRAFT 6/28/2006 Page 1794 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Chesapeake Bay/Atl	lantic/Small Coastal Basins				
TMDL Watershed Name:		North River			
TMDL Group ID:	01012				
VAP-C04E_NOR01A02	North River	GLOUCESTER CO MATHEWS CO	Described in the condemnation notice 042-157A, 9/17/2004		
		MATHEWS CO	Size increased in 2006 cycle		
			МОВРН		
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.69 SQUARE MILES TMDL Gro	up ID First Listed on 303(d) TMDL Sched 12 <b>1998 2010</b>	ule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-08		
			VDH-DSS SFC Number 042-157A, 9/17/2004		
	Sources: Source Unkr	·			
TMDL Watershed Name:	Occohanock Creek, Upper				
TMDL Group ID:	00302				
VAT-C13E_OCH01A06	Occohannock Creek - Upper	ACCOMACK CO NORTHAMPTON CO	Upper portion of Occohannock Creek and tidal tribs., from end of tidal waters downstream to the confluence of Wescott Cove (RM 5.3). Portion of CBP segment CB7PH. DSS condemnation # 084-043A.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.51 SQUARE MILES TMDL Gro	up ID First Listed on 303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category		
Shellfishing	Fecal Coliform 0036		{\rtf1\ansi\deff0\deftab720{\fonttbl{\f0\fswiss MS Sans Serif;}{\f1\froman\fcharset2 Symbol;}}		
			{\colortbl\red0\green0\blue0;} \deflang1033\pard\plain\f0\fs17 DSS condemnation # 084-043A. \par }		
	Sources: Source Unkr	nown			
TMDL Watershed Name:	TMDL Watershed Name: Old Plantation Creek, Upper DSS Condemnation				
TMDL Group ID:	01245				
VAT-C16E_OPC01A06	Old Plantation Creek - Upper	NORTHAMPTON CO	From end of tidal waters downstream to narrows at approx. RM 2.0. Portion of CBP segment CB7PH. DSS shellfish condemnation # 090-152.		
VA Overall AU Category: <b>5A</b> Use	Impairment 0.11 SQUARE MILES TMDL Gro	up ID First Listed on 303(d) TMDL Sched	ule Impairment Specific Comments and/or Impairment Specific VA Category		
Shellfishing	Fecal Coliform 0124 Sources: Source Unkn	45 <b>1998 2010</b>			

DRAFT 6/28/2006 Page 1795 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Onancock Creek	
TMDL Group ID:	00278		
VAT-C11E_OSB01A02	South Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.06 SQUARE MILES TMDL Gro	up ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform 002		The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria (2 violates / 13 obs.) and exhibits Observed Effects due to unsufficient exceedance of Enterococcus bacteria criteria within a small data set (1 violates / 3 obs.).
	Sources: Source Unkr	nown	
TMDL Group ID:	01238		
VAT-C11E_OCN01A04	Onancock Creek - Upper	ACCOMACK CO	Located near Town of Onancock.From junction of North, Central and South Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.
VA Overall AU Category: <b>5A</b>	Impairment 0.23 SQUARE MILES TMDL Gro	TO Finelisted on 202(4). TMDI Colored	Turning to Constitution of the Turning to Constitution of the Cons
Use Shellfishing	Fecal Coliform 012	up ID First Listed on 303(d) TMDL Schedulo 38 <b>1998 2010</b>	e Impairment Specific Comments and/or Impairment Specific VA Category  Portion of DSS shellfish condemnation # 081-013C.
	Sources: Source Unkn	nown	
VAT-C11E_OSB01A02	South Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.06 SQUARE MILES TMDL Gro	up ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform 012 Sources: Source Unkn	38 <b>1998 2010</b>	Portion of DSS shellfish condemnation # 081-013C.
TMDL Group ID:	76201		
VAT-C11E_OCN01A04	Onancock Creek - Upper	ACCOMACK CO	Located near Town of Onancock.From junction of North, Central and South Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.23 SQUARE MILES TMDL Gro	up ID First Listed on 303(d) TMDL Schedul	e Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus 762	01 <b>2006 2016</b>	The Recreation Use is impaired ( 2 violate / 12 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.
	Sources: Source Unkr	nown	

DRAFT 6/28/2006 Page 1796 of 2156

Assessment Unit ID	Waterbody Name	City /	County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basin	S		
TMDL Watershed Name:		q	nancock Cree	ek
TMDL Group ID:	76201			
TMDL Watershed Name:		Onancoc	k Creek, Centr	ral Branch
TMDL Group ID:	01450			
VAT-C11E_OCB01A00	Central Branch, Onancock Creek	ACCOM	IACK CO	Located near Town of Onancock. Entire Central Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES	S TMDL Group ID First Listed on	303(d) TMDI Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01450 <b>1998</b> Source Unknown	2010	Portion of DSS shellfish condemnation # 081-013C.
TMDL Group ID:	76200			
VAT-C11E_OCB01A00	Central Branch, Onancock Creek	ACCOM	MACK CO	Located near Town of Onancock. Entire Central Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES	S TMDL Group ID First Listed on	303(d) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	76200 <b>1998</b>	2010	The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria (3 violates / 13 obs.) and exhibits Observed Effects due to unsufficient exceedance of Enterococcus bacteria criteria within a small data set (1 violates / 3 obs.).
	Sources: S	Source Unknown		*
TMDL Watershed Name:		Onanco	ck Creek, Nort	h Branch
TMDL Group ID:	00277			
VAT-C11E_ONB01A02	North Branch, Onancock Creek	ACCOM	IACK CO	Located near Town of Onancock. Entire North Branch, Onancock Creek. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish direct harvesting condemnation 081-013 D.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES	S TMDL Group ID First Listed on	303(d) TMDL Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	00277 <b>2006</b>	2010	The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria (maximum of 8 violates / 12 obs.) and exceedance of the Enterococcus bacteria criteria (maximum of 3 violates / 3 obs), as well as exhibits Observed Effects due to unsufficient exceedance of Enterococcus bacteria criteria within a small data set (1 violates / 3 obs).
	Sources: S	Source Unknown		

DRAFT 6/28/2006 Page 1797 of 2156

Assessment Unit ID	Waterbody Name	City /	County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Bas	ins		
TMDL Watershed Name:		Onanco	ck Creek, Nort	h Branch
TMDL Group ID:	00277			
Recreation	Fecal Coliform  Sources	00277 <b>2002</b> s: Source Unknown	2010	The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria (maximum of 8 violates / 12 obs.) and exceedance of the Enterococcus bacteria criteria (maximum of 3 violates / 3 obs), as well as exhibits Observed Effects due to unsufficient exceedance of Enterococcus bacteria criteria within a small data set (1 violates / 3 obs).
TMDL Watershed Name:			Owens Pond	
TMDL Group ID:	00967			
VAP-C01E_OWN01A98	Owens Pond	NORTHUM	BERLAND CO	Described in the condemnation notice 122, 1/3/1992.
				СВ5МН.
				Size adjusted in 2006 cycle.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.17 SQUARE MI Fecal Coliform	LES TMDL Group ID First Listed or 00967 1998	n 303(d) TMDL Sched	dule Impairment Specific Comments and/or Impairment Specific VA Category 00967 (SF)
				VAP-C01E-10
	Sources	s: Source Unknown		VDH-DSS Shellfish Condemnation Notice 122, 1/3/1992.
TMDL Watershed Name:		O	wl Creek - Low	ver
TMDL Group ID:	76568			
VAT-D07E_OWL02A02	Owl Creek - Lower	VIRGINIA	BEACH CITY	Headwaters tributary to Lake Rusee, located west of Lake Christine. Segment from mid-way point where creek broadens downstream to confluence with Lake Rudee. Portion of DSS shellfish condemnation # 073-074.
VA Overall AU Category: <b>5B</b> Use	Impairment 0.02 SQUARE MI	LES TMDL Group ID First Listed or	n 303(d) TMDL Sched	dule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform Sources	76568 <b>2002</b> s: Source Unknown	2018	DSS shellfish condemnation # 073-074. Effective 1989-04-27.

DRAFT 6/28/2006 Page 1798 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basins		
TMDL Watershed Name:		Owl Creek- Upp	er
TMDL Group ID:	76028		
VAT-D07E_OWL01A02	Owl Creek- Upper	VIRGINIA BEACH CITY	Headwaters tributary to Lake Rusee, located west of Lake Christine. Segment from headwaters downstream to point where creek broadens. Portion of DSS shellfish condemnation # 073-074.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedo	ule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	76028 <b>2006 2018</b>	The Aquatic Life use is impaired due to dissolved oxygen concentrations ( 4 violates / 17 obs. ) below the criteria minimum (4.0 mg/l). This TMDL ID ( VAT-D07E-05 ) is added for the 2006 IR.
	Sources: So	ource Unknown	
TMDL Group ID:	76567		
VAT-D07E_OWL01A02	Owl Creek- Upper	VIRGINIA BEACH CITY	Headwaters tributary to Lake Rusee, located west of Lake Christine. Segment from headwaters downstream to point where creek broadens. Portion of DSS shellfish condemnation # 073-074.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedo	ule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	76567 <b>2004 2018</b> ource Unknown	DSS shellfish condemnation # 073-074. Effective 1989-04-27.
TMDL Watershed Name:		Owl Creek, Low	er
TMDL Group ID:	01481		
VAT-D07E_OWL01A02	Owl Creek- Upper	VIRGINIA BEACH CITY	Headwaters tributary to Lake Rusee, located west of Lake Christine.  Segment from headwaters downstream to point where creek broadens.  Portion of DSS shellfish condemnation # 073-074.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedo	ule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	01481 <b>2006 2014</b>	Recreation Use impaired due to Enterococcus bacteria concentrations exceeding (7 violates / 14 obs.) the instantaneous swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by the Enterococcus bacteria criteria impairment since threshold of 12 observations reached with TMDL due date same as original FC impairment).
	Sources: So	ource Unknown	·

DRAFT 6/28/2006 Page 1799 of 2156

Assessment Unit ID	Waterbody Name	City / County	* Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Bas	ins	
TMDL Watershed Name:		Oyster SI	lip (Harbor)
TMDL Group ID:	01256		
VAT-D05E_OSS01A00	Oyster Slip (Harbor)	NORTHAMPTON (	CO Located in the town of Oyster, east of Cheriton. Adjacent to Brockenberry Bay. DSS shellfish harvesting condemnation 094-12A.
VA Overall AU Category: 5A Use Shellfishing	Fecal Coliform	ILES TMDL Group ID First Listed on 303(d) T 01256 1998 s: Source Unknown	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 2010
TMDL Group ID:	76027		
VAT-D05E_OSS01A00	Oyster Slip (Harbor)	NORTHAMPTON (	CO Located in the town of Oyster, east of Cheriton. Adjacent to Brockenberry Bay. DSS shellfish harvesting condemnation 094-12A.
VA Overall AU Category: 5A Use Recreation	Impairment 0.03 SQUARE MI Enterococcus	ILES TMDL Group ID First Listed on 303(d) T 76027 <b>2006</b>	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  2018 The Recreatiion Use is impaired due to exceedance ( 2 violates / 9 obs.) of the instaneous criteria for Enterococcus bacteria. Added during the 2006 IR cycle.
	Source	s: Source Unknown	
TMDL Watershed Name:		Parke	er Creek
TMDL Group ID:	00431		
VAT-D03R_PAR01A00	Parker Creek	ACCOMACK CC	O Riverine section of Parker Creek, from headwaters (at PERDUE plant - VA0003808) downstream to start of tidal waters (downstream of RM 2.9). Located northeast of Accomac.
VA Overall AU Category: <b>5A</b> Use	Impairment 3.56 MILES	TMDL Group ID First Listed on 303(d) T	TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00431 <b>2004</b>	The Recreation Use is impaired due to exceedance of the criteria for fecal coliform (7 PAR004.35 - 2 violates / 10 obs.) and Ecoli bacteria (7-PAR003.09 - 8 violates / 16 obs.), the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Ecoli criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.
	Source	s: Source Unknown	
Describes	Fecal Coliform	00431 <b>1994</b>	The Recreatiion Use is impaired due to exceedance of the criteria for fecal coliform (7
Recreation			PAR004.35 - 2 violates / 10 obs.) and Ecoli bacteria (7-PAR003.09 - 8 violates / 16 obs.) .

DRAFT 6/28/2006 Page 1800 of 2156

Assessment Unit ID	Waterbody Name	City /	County*	Assessment Unit Description
Chesapeake Bay/	Atlantic/Small Coastal Ba	sins		
TMDL Watershed Name:			Parker Creek	
TMDL Group	0 ID: 00432			
VAT-D03R_PAR01A00	Parker Creek	ACCOM	IACK CO	Riverine section of Parker Creek, from headwaters (at PERDUE plant - VA0003808) downstream to start of tidal waters (downstream of RM 2.9). Located northeast of Accomac.
VA Overall AU Category: Use	5A Impairment 3.56 MILES	TMDL Group ID First Listed on	303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life Ber	nthic-Macroinvertebrate Bioassessments (Streams)	o 00432 <b>1994</b>	2010	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Benthic population impacts were recorded at the following sample events: 7-PAR004.35 - severely impaired [[VI:S-'00,F-'00,S-'01,F-'01,S-'02,MI:F-'02] & 7-PAR003.09 - moderatley impaired [MI:F-'00,F-'01,S-'02,F-'02].
	Sourc	es: Source Unknown		
TMDL Group	01255			
VAT-D03E_PAR02A06	Parker Creek - Lower	ACCOM	IACK CO	Tributary to Metomkin Bay. Lower estuarine portion of creek, from start of DSS shellfish condemnation downstream to mouth (RM 0.0). DSS shellfish condemnation # 098-098A.
VA Overall AU Category: Use	5A Impairment 0.03 SQUARE N	IILES TMDL Group ID First Listed on	303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform Source	01255 <b>1998</b> es: Source Unknown	2010	
TMDL Group	76022			
VAT-D03E_PAR01A06	Parker Creek - Middle	ACCOM	IACK CO	Tributary to Metomkin Bay. Middle estuarine portion of creek, from confluence of North Fork (RM 1.3) downstream to start of DSS shellfish condemnation (# 098-098A).
VA Overall AU Category: Use	5A Impairment 0.04 SQUARE N	IILES TMDL Group ID First Listed on	303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76022 <b>2006</b>	2018	The Recreatiion Use is impaired due to the exceedance ( 6 violates / 9 obs.) of the Enterococcus bacteria criteria. This assessment unit is added as impaired for the 2006 IR
	Source	es: Source Unknown		
VAT-D03E_PAR02A06	Parker Creek - Lower	ACCOM	IACK CO	Tributary to Metomkin Bay. Lower estuarine portion of creek, from start of DSS shellfish condemnation downstream to mouth (RM 0.0). DSS shellfish condemnation # 098-098A.
VA Overall AU Category: Use	5A Impairment 0.03 SQUARE N	IILES TMDL Group ID First Listed on	303(d) TMDI Schodi	ule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76022 <b>2006</b>	2018	The Recreation Use is assessed using data extrapolated from the upstream station @ 7-PAR001.20. The Recreation Use is impaired due to the exceedance ( 6 violates 9 obs.) of the Enterococcus bacteria criteria. This assessment unit is added as impaired for the 2006 IR.
	Sourc	es: Source Unknown		

DRAFT 6/28/2006 Page 1801 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Parker Creek	
TMDL Group ID:	76022		
TMDL Watershed Name:		Patricks Creek - Poquoso	on River
TMDL Group ID:	01754		
VAT-C07E_PTC01A04	Patricks Creek - Poquoson River		North shore trib to Poquoson R. South of Dare area.DSS Shellfish condemnation # 053-137 C. CBP Segment MOBPH.
VA Overall AU Category: 5A Use Shellfishing	Fecal Coliform	TMDL Group ID First Listed on 303(d) TMDL Schedule 01754 2006 2016 ource Unknown	e Impairment Specific Comments and/or Impairment Specific VA Category DSS Shellfish condemnation # 053-137 C.
TMDL Watershed Name:		Pepper Creek	
TMDL Group ID:	10119		
VAP-C04E_PEP01A06	Pepper Creek	MATHEWS CO	As described in the condemnation notice 040-085A, 12/27/2004.
			МОВРН
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.03 SQUARE MILES Fecal Coliform	TMDL Group ID First Listed on 303(d) TMDL Schedule 10119 2002 2018	e Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-22
	Sources: So	ource Unknown	VDH-DSS SFC Number 040-085A, 12/27/2004
TMDL Watershed Name:		Pettit Branch	
TMDL Group ID:	00430		
VAT-D02R_PET01A00	Pettit Branch		South shore tributary to Assawoman Creek. From headwaters to start of tidal waters.
VA Overall AU Category: 5A Use Recreation	Escherichia coli	TMDL Group ID First Listed on 303(d) TMDL Schedule 00430 2006 2010 ource Unknown	e Impairment Specific Comments and/or Impairment Specific VA Category

DRAFT 6/28/2006 Page 1802 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Pettit Branch	
TMDL Group ID:	01458		·
VAT-D02R_PET01A00	Pettit Branch	ACCOMACK CO	South shore tributary to Assawoman Creek. From headwaters to start of tidal waters.
VA Overall AU Category: <b>5A</b> Use	Impairment 2.12 MILES T	MDL Group ID First Listed on 303(d) TMDL Scheo	lule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life <b>Benthic</b>	c-Macroinvertebrate Bioassessments (Streams)	01458 <b>1996 2010</b>	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population (impaired rating for Biological Monitoring resulting from the following DEQ Streams Benthic-Macroinvertebrate Bioassessments sample events: VI:S-'00,MI:F-'00,S-'01,F-'01,S-'02I.
	Sources: Sou	rce Unknown	00,5-01,F-01,5-02].
TMDL Watershed Name:		Piankatank Riv	er
TMDL Group ID:	00993		
VAP-C03E_PNK01A02	Piankatank River	GLOUCESTER CO MIDDLESEX CO	Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No. 035-076A, 9/3/2004.
			PIAMH.
VA Overall AU Category: <b>5A</b> Use	Impairment 2.22 SQUARE MILES T	MDL Group ID First Listed on 303(d) TMDL Scheo	lule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00993 <b>1998 2010</b>	00980( SF)
			VAP-C03E-02
	Sources: Sou	rce Unknown	VDH Shellfish Condemnation Notice 035-076A, 9/3/2004.

DRAFT 6/28/2006 Page 1803 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Piankatank Rive	r
TMDL Group ID:	15005		
VAP-C03E_PNK03A00	Piankatank River	MATHEWS CO MIDDLESEX CO	One-half mile radius around monitoring station 7-PNK005.36 on the Piankatank River between Pond Point and Iron Point.
			PIAMH.
VA Overall AU Category: <b>5A</b> Use Aquatic Life	Impairment 1.28 SQUARE MILES TMDL Group ID  Estuarine Bioassessments 15005	First Listed on 303(d) TMDL Schedul 2006 2018	le Impairment Specific Comments and/or Impairment Specific VA Category 15005 (B-IBI)
			VAP-C03E-10
			Based on the information collected from the Coastal 2000 station 7-PNK005.20, the Weight of Evidence estuarine bioassessment results indicated the benthic community was impaired. Therefore this segment was assessed as not supporting for aquatic life use .
	Sources: Source Unknown		
TMDL Group ID:	90027		
VAP-C03E_PNK06A04	Piankatank River	GLOUCESTER CO MIDDLESEX CO	Deep Point Boat Landing downstream to limit of shellfish condemnation VDH-DSS Notice 035-076A, 9/3/2004.
			PIAMH.
			SFC area expanded in 2006 cycle.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.26 SQUARE MILES TMDL Group ID  Fecal Coliform 90027	First Listed on 303(d) TMDL Schedul 1998 2010	le Impairment Specific Comments and/or Impairment Specific VA Category 00980 (SF)
			VAP-C03E-02
			VDH-DSS Shellfish Condemnation 035-076A, 9/3/2004. Area expanded in 2006 cycle.
	Sources: Source Unknown		

DRAFT 6/28/2006 Page 1804 of 2156

Assessment
Unit ID Waterbody Name

Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 01771

VAP-C02E\_DRN01A02 Dragon Swamp GLOUCESTER CO The tidal portion of Dragon Swamp.

MIDDLESEX CO

PIAMH.

VA Overall AU Category: **5A** 

Use Impairment 1.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01771 2002 2014 01771 (DO)

VAP-C02E-01

In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to natural conditions of upstream swamps. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is

due in 2014.

Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

VAP-C03E\_PNK01A02 Piankatank River GLOUCESTER CO Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No.

MIDDLESEX CO 035-076A, 9/3/2004.

PIAMH.

VA Overall AU Category: **5A** 

Use Impairment 2.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01771 2002 2014 01771 (DO)

VAP-C03E-01,

In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

DRAFT 6/28/2006 Page 1805 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

01771

VAP-C03E\_PNK02A00 Piankatank River **GLOUCESTER CO** Mainstem Piankatank from downstream limit of VDH-DSS SFC 035-076

> MIDDLESEX CO down to PNK03A00.

> > PIAMH.

Size adjusted in 2006 cycle.

VA Overall AU Category:

**Impairment** Use

4.58 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01771 2002 2014 01771 (DO)

VAP-C03E-01

In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment

remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

VAP-C03E PNK03A00 **Piankatank River** 

MATHEWS CO MIDDLESEX CO One-half mile radius around monitoring station 7-PNK005.36 on the

Piankatank River between Pond Point and Iron Point.

PIAMH.

VA Overall AU Category:

Use

Impairment

1.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 01771 2002 2014 01771 (DO) Aquatic Life

VAP-C03E-01

In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

DRAFT 6/28/2006 Page 1806 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

01771

VAP-C03E\_PNK04A00 Piankatank River MATHEWS CO Mainstem Piankatank River from PNK03A00 downstream to the point at

MIDDLESEX CO Fishing Bay.

PIAMH.

VA Overall AU Category: 5A

Use Impairment 3.49 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01771 2002 2014 01771 (DO)

VAP-C03E-01

In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

VAP-C03E PNK04B06 Piankatank River, Porpoise Cove MIDDLESEX CO As described in VDH-DSS SFC No. 034-208 M1 (seasonal), 12/30/2004.

PIAMH.

VA Overall AU Category: **5A** 

Use Impairment

Impairment 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01771 2006 2014 01771 (DO)

VAP-C03E-01

In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

DRAFT 6/28/2006 Page 1807 of 2156

01771

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small	Coastal Bas	ins
-------------------------------	-------------	-----

**Piankatank River Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID:

VAP-C03E\_PNK04C06 Piankatank River, Fishing Bay MIDDLESEX CO As described in VDH-DSS SFC No. 034-208 M2 (seasonal), 12/30/2004.

PIAMH.

VA Overall AU Category:

Use

**Impairment** 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 01771 2002 2014 01771 (DO)

VAP-C03E-01

In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

**GLOUCESTER CO** VAP-C03E PNK06A04 Piankatank River Deep Point Boat Landing downstream to limit of shellfish condemnation

MIDDLESEX CO VDH-DSS Notice 035-076A, 9/3/2004.

PIAMH.

SFC area expanded in 2006 cycle.

VA Overall AU Category:

**Impairment** Use

0.26 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life 01771 2002 2014 Oxygen, Dissolved 01771 (DO)

VAP-C03E-01

In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

DRAFT 6/28/2006 Page 1808 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 01771

VAP-C04E\_MRC01A98 Morris Creek MATHEWS CO Tidal limit to approximately rivermile 0.15.

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

> During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. Although the Piankatank Mesohaline segment (PIAMH) met the 30-day open water dissolved oxygen standards, there was insufficient data to assess the other criteria, therefore the segment must remain listed.

therefore the segment must re

Sources: Source Unknown

TMDL Group ID: 10113

VAP-C02E\_DRN01A02Dragon SwampGLOUCESTER COThe tidal portion of Dragon Swamp.

MIDDLESEX CO

PIAMH.

VA Overall AU Category: **5A** 

Use Impairment 1.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

DRAFT 6/28/2006 Page 1809 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

Piankatank River Mesohaline Embayments

TMDL Group ID:

10113

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAP-C03E\_COB01A02

**Cobbs Creek** 

MATHEWS CO

As described in the condemnation notice 170, 3/2/1993.

PIAMH.

VA Overall AU Category:

5D

Use

**Impairment** 

0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1810 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name:

**Piankatank River Mesohaline Embayments** 

TMDL Group ID:

10113

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C03E COB02A02

**Cobbs Creek** 

MATHEWS CO

As described in VDH-DSS SFC No. 034-170, 10/13/2003, not otherwise

segmented.

PIAMH.

VA Overall AU Category:

Use

Impairment

0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)**  10113 2006 2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment)

DRAFT 6/28/2006 Page 1811 of 2156

Assessment
Unit ID
Waterbody Name
City / County\*
Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

10113

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C03E\_FER01A98 Ferry Creek GLOUCESTER CO Described in the condemnation notice 035-171, 6/9/1998.

PIAMH.

VA Overall AU Category: 5A

Aquatic Life

Use

Impairment

Aquatic Plants (Macrophytes)

0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

10113

2006

2010

10113 (SAV)

- - (- /

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Impairment Specific Comments and/or Impairment Specific VA Category

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10113

2006

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1812 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

**Piankatank River Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID: 10113

VAP-C03E\_FRE01A02 **Frenchs Creek GLOUCESTER CO** As described in the condemnation notice 035-076B, 9/3/2004.

PIAMH.

VA Overall AU Category: 5A

Use

**Impairment** 

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1813 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C03E\_HEA01A02 Healy Creek MIDDLESEX CO Described in the VDH-DSS Shellfish Condemnation Notice 129, 3/3/1997.

PIAMH.

VA Overall AU Category: 5D

Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113 **2006** 

2010

10113 (SAV) VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1814 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

**Piankatank River Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID: 10113

VAP-C03E\_HEA02A06 **Healy Creek** MIDDLESEX CO Described in the VDH-DSS Shellfish Condemnation Notice 129, 2/26/1999.

PIAMH.

VA Overall AU Category:

Use

**Impairment** 

0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1815 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C03E\_HRP01A98 Harper Creek GLOUCESTER CO Described in the condemnation notice 035-076A, 9/3/2006. Harper Creek is

a portion of the Piankatank River condemnation.

PIAMH.

Size adjusted in 2006 cycle.

VA Overall AU Category: 5A

Use Impairment 0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1816 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

10113

VAP-C03E\_JCK01A98 Jackson Creek MIDDLESEX CO Described in the condemnation notice 033-084A, 12/30/2004.

Size increased in 2006 cycle. Segments JCK01B98 and JCK01C98 were

incorporated into this segment, then deleted.

PIAMH.

VA Overall AU Category: 54

Use Impairment 0.30 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1817 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins

**Piankatank River Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID:

10113

VAP-C03E\_MRE01A02 **Moore Creek** MIDDLESEX CO As described in the condemnation notice 034-208A, 12/30/2004.

Area expanded in 2006 cycle. Segment MRE02A02 was incorporated into

Impairment Specific Comments and/or Impairment Specific VA Category

this segment, then deleted.

PIAMH.

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

**Aquatic Plants (Macrophytes)** 

0.07 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1818 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C03E\_PNK01A02 Piankatank River GLOUCESTER CO Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No.

MIDDLESEX CO 035-076A, 9/3/2004.

PIAMH.

VA Overall AU Category: 5A

Use Impairment 2.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1819 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

10113

VAP-C03E\_PNK02A00 Piankatank River GLOUCESTER CO Mainstem Piankatank from downstream limit of VDH-DSS SFC 035-076

MIDDLESEX CO down to PNK03A00.

PIAMH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A** 

Use Impairment 4.58 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1820 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesa	peake	Bay/	Atlant	tic/Sm	all Co	pastal	Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

10113

VAP-C03E\_PNK03A00 Piankatank River MATHEWS CO One-half mile radius around monitoring station 7-PNK005.36 on the

MIDDLESEX CO Piankatank River between Pond Point and Iron Point.

PIAMH.

VA Overall AU Category: 5A

Use Impairment 1.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04,

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** 10113 (SAV)

VAP-C04E-04,

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1821 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesa	peake	Bay/	Atlant	tic/Sm	all Co	pastal	Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

10113

VAP-C03E\_PNK04A00 Piankatank River MATHEWS CO Mainstem Piankatank River from PNK03A00 downstream to the point at

MIDDLESEX CO Fishing Bay.

PIAMH.

VA Overall AU Category: 5A

Use Impairment 3.49 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1822 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C03E\_PNK04B06 Piankatank River, Porpoise Cove MIDDLESEX CO As described in VDH-DSS SFC No. 034-208 M1 (seasonal), 12/30/2004.

PIAMH.

VA Overall AU Category: 5A

Use Impairment 0.06 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113 **2006** 

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1823 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C03E\_PNK04C06 Piankatank River, Fishing Bay MIDDLESEX CO As described in VDH-DSS SFC No. 034-208 M2 (seasonal), 12/30/2004.

PIAMH.

VA Overall AU Category: 5A

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113 **2006 2010** 

10113 (SAV) VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1824 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Piankatank River Mesohaline Embayments** 

TMDL Group ID:

10113

VAP-C03E\_PNK05A02

**Piankatank River** 

MATHEWS CO MIDDLESEX CO Piankatank River downstream of Fishing Bay at Stove Point to mouth at

Chesapeake Bay

PIAMH.

Size adjusted in 2006 cycle.

VA Overall AU Category:

Aquatic Life

Use

**Impairment** 

**Aquatic Plants (Macrophytes)** 

4.97 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Impairment Specific Comments and/or Impairment Specific VA Category

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1825 of 2156

Assessment
Unit ID Waterbody Name City / County\*

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C03E\_PNK06A04 Piankatank River GLOUCESTER CO Deep Point Boat Landing downstream to limit of shellfish condemnation

MIDDLESEX CO VDH-DSS Notice 035-076A, 9/3/2004.

PIAMH.

SFC area expanded in 2006 cycle.

VA Overall AU Category: **5A** 

Use Impairment 0.26 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

**Assessment Unit Description** 

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1826 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C03E\_WLT01A98 Wilton Creek MIDDLESEX CO Described in the condemnation notice 126, 3/2/1993.

PIAMH.

VA Overall AU Category: 5D

Use Impairment 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 15000 (PCBs)

VAP-C01E-17

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** 10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1827 of 2156

10113

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

VAP-C03E\_ZZZ01A00 Unsegmented estuaries in C03 GLOUCESTER CO Unsegmented portion of the watershed.

Size adjusted in 2006 cycle.

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 10113 (SAV)

VAP-C04E-04

PIAMH.

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113

2006

2010

10113 (SAV)

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1828 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

10113

VAP-C04E\_BLP01A98 Billups Creek MATHEWS CO Described in the condemnation notice 037-061C, 7/15/2004.

Size adjusted in 2006 although area did not change from 2004 cycle.

**PIAMH** 

VA Overall AU Category: 5A

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** VAP-C04E-04 (SAV)

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Plankatonk Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1829 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_BRN01A04 Barn Creek MATHEWS CO Described in the previous condemnation notice 197A, 2/1/2001

Size adjusted in 2006 cycle, although area did not change

**PIAMH** 

VA Overall AU Category: 54

Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1830 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bav/Atlan	tic/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_EDW01A98 Edwards Creek MATHEWS CO Described in the condemnation notice 197A, 2/19/2003.

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113 **2006 2010** 

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1831 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Citcsupcuite Duy/11ttuitte/Dittuit Coustul Dustits	Chesapeake	Bay/	'Atlantic	<b>Small</b>	Coastal	<b>Basins</b>
--	------------	------	-----------	--------------	---------	---------------

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_EDW02A98 Edwards Creek MATHEWS CO Described in the condemnation notice 197B, 2/19/2003.

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1832 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_LAN01A02 Lanes Creek MATHEWS CO As described in previous condemnation notice 037-099C, 2/1/2001.

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1833 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_MID01A02 Winder Creek MATHEWS CO As described in the condemnation notice 037-099C, 4/28/2004.

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** VAP-C04E-04 (SAV)

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1834 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_MLF01A98 Milford Haven MATHEWS CO Described in the condemnation notice 037-099D, 4/28/2004.

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1835 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_MLF02A98 Milford Haven MATHEWS CO Described in the condemnation notice 037-099E, 4/28/2004.

Size adjusted in 2006, although area did not change

PIAMMH

VA Overall AU Category: 54

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1836 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_MLF03A00 Milford Haven MATHEWS CO Downstream of SFC037-099E, 4/28/2004 except as otherwise segmented.

PIAMH

VA Overall AU Category: 5A

Use Impairment 1.43 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1837 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake	Bay/Atlantic/Small	Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_MLF04A06 Milford Haven MATHEWS CO Hills Bay

PIAMH

VA Overall AU Category: 5A

Use Impairment 2.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010

During the 200

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

VAP-C04E-04

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1838 of 2156

10113

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Sm	all Coastal Basins
--	------------	-----------------	--------------------

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

VAP-C04E\_MLF05A06 Milford Haven MATHEWS CO Described in VDH-DSS condemnation 037-099M1, 4/28/2004

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113 2006

2010

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1839 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_MRC01A98 Morris Creek MATHEWS CO Tidal limit to approximately rivermile 0.15.

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113

113 **2006 2010** 

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

VAP-C04E-04

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1840 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesa	peake	Bay/A	<i><b>Atlantic</b></i>	:/Small	Coastal	<b>Basins</b>

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_MRC02A06 Morris Creek MATHEWS CO Rivermile 0.15 downstream to end of condemnation 037-061B, 7/15/2004

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113 2006

2010

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1841 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

**Piankatank River Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID:

10113

VAP-C04E\_QUE01A98 **Queens Creek** MATHEWS CO Described in the condemnation notice 037-099A, 4/28/2004.

Size reduced in 2006 cycle.

**PIAMH** 

VA Overall AU Category:

Impairment Use

0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10113 2006 2010 VAP-C04E-04

> During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

10113

2006

2010

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1842 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_QUE01B06 Queens Creek MATHEWS CO Described in the condemnation notice 037-099B, 4/28/2004.

Segment split from VAP-C04E QUE01A98 in 2006

**PIAMH** 

VA Overall AU Category: 54

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1843 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

**Piankatank River Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID: 10113

VAP-C04E\_QUE02A06 **Queens Creek** MATHEWS CO Described in the condemnation notice 037-099M2, 4/28/2004.

Segment split from VAP-C04E QUE01A98 in 2006

**PIAMH** 

VA Overall AU Category:

Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life **Aquatic Plants (Macrophytes)** 10113 2006 2010 VAP-C04E-04

> During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

> During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Vegetation acreage requirements.

Sources: Agriculture

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1844 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID:

10113

VAP-C04E\_QUE03A06 Queens Creek MATHEWS CO Downstream of condemnation areas 099A, B, and M2, 4/28/2004.

Segment split from VAP-C04E\_QUE01A98 in 2006

**PIAMH** 

VA Overall AU Category: 5.

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113 **2006** 

2010

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1845 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_STT01A98 Stutts Creek MATHEWS CO Described in the condemnation notice 037-061A, 7/15/2004.

Segment shortened in 2006 cycle.

**PIAMH** 

VA Overall AU Category: 54

Use Impairment 0.09 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

Sources: Agriculture
Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment)

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1846 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_STT01B06 Stutts Creek (Hole in the Wall) MATHEWS CO Described in VDH-DSS condemnation 037-061M1, 7/15/2004

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1847 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_STT02A00 Stutts Creek MATHEWS CO Tidal limits to Fanneys Point, except as otherwise segmented.

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.23 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113 2006

2010

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1848 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_STT03A06 Stutts Creek MATHEWS CO Described in VDH-DSS SFC 037-061M2, 7/15/2004

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

10113 2006

2010

VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1849 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_STT04A06 Stutts Creek MATHEWS CO Described in VDH-DSS SFC 037-061M3, 7/15/2004

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113 2006 2010

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

VAP-C04E-04

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1850 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_WHA01A06 Wharf Creek MATHEWS CO Described in VDH-DSS SFC 036-M87, 4/13/1989

PIAMH

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes) 10113

113 **2006 2010** VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1851 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Piankatank River Mesohaline Embayments

TMDL Group ID: 10113

VAP-C04E\_ZZZ01A00 Unsegmented estuaries in C04 MATHEWS CO Unsegmented portion of the watershed within PIAMH

VA Overall AU Category: 5A

Use Impairment 2.65 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 10113 2006 2010 VAP-C04E-04

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted.

Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 10113 **2006 2010** VAP-C04E-04

The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1852 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basi	ins	
TMDL Watershed Name:		Pitts Creek, Unnamed	Tributary
TMDL Group ID:	00419		
VAT-C09R_XAE01A00	Unamed tributary to Pitts Creek	ACCOMACK CO	Located northwest of New Church in Accomack County. Riverine portion of unnamed trib to Pitts Creek.
VA Overall AU Category: <b>5A</b> Use	Impairment 5.96 MILES	TMDL Group ID First Listed on 303(d) TMDL Scheo	
Aquatic Life	Oxygen, Dissolved	00419 <b>1998 2010</b>	The Aquatic Life Use is impaired due to low dissolved oxygen (5 violates / 34 obs.; VAT-C09R-01) concentrations, which exceed the minimum criteria (criteria minimum = 4.0 mg/l).
	Sources	: Source Unknown	
TMDL Group ID:	01448		
VAT-C09R_XAE01A00	Unamed tributary to Pitts Creek	ACCOMACK CO	Located northwest of New Church in Accomack County. Riverine portion of unnamed trib to Pitts Creek.
VA Overall AU Category: <b>5A</b> Use	Impairment 5.96 MILES	TMDL Group ID First Listed on 303(d) TMDL Scheo	lule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	01448 <b>2006 2016</b>	The Recreation Use is impaired (5 violate / 15 obs.) due to exceedance of the instantaneous criteria for Ecoli bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Ecoli criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.
	Sources	: Source Unknown	
TMDL Group ID:	76009		
VAT-C09R_XAE01A00	Unamed tributary to Pitts Creek	ACCOMACK CO	Located northwest of New Church in Accomack County. Riverine portion of unnamed trib to Pitts Creek.
VA Overall AU Category: <b>5A</b> Use	Impairment 5.96 MILES	TMDL Group ID First Listed on 303(d) TMDL Scheo	lule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	рН	76009 <b>2006 2018</b>	The Aquatic Life Use is impaired due to low pH ( 5 violates / 34 obs.; VAT-C09R-02) concentrations, which exceed the minimum criteria (minimum = 6.0 SU). Although pH impairment from 1998 303d was delisted in the 2004 IR, more recent data indicates impairment and need to add again to TMDL listing.
			Need to investigate if natural conditions (leaf litter/organic content) may be the cause of the low pH.
	Sources	: Source Unknown	

DRAFT 6/28/2006

Assessment Unit ID	Waterbody Name	City / Coun	ty*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Bas	ins		
TMDL Watershed Name:		Poco	moke Rive	r
TMDL Group ID:	01229			
VAT-C09E_POC01A06	Pocomoke River	ACCOMACK	CO	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke Sound) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.21 SQUARE MI	LES TMDL Group ID First Listed on 303(d	) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01229 <b>1998</b> s: Source Unknown	2010	Portion of DSS shellfish condemnation # 075-033.
TMDL Group ID:	76008			
VAT-C09E_POC01A06	Pocomoke River	ACCOMACK	СО	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke Sound) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.21 SQUARE MI	LES TMDL Group ID First Listed on 303(d	) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76008 <b>2006</b>	2018	The Recreation Use is impaired due to exceedance of the instantaneous criteria for Enterococcus ( 4 violate / 7 obs.) and Fecal Coliform ( 2 violate / 7 obs.) bacteria.
	Sources	s: Source Unknown		Enterococcus ( 4 violate / / obs.) and recal comonn ( 2 violate / / obs.) bacteria.
Recreation	Fecal Coliform	76008 <b>1998</b>	2018	The Recreation Use is impaired due to exceedance of the instantaneous criteria for Enterococcus ( 4 violate / 7 obs.) and Fecal Coliform ( 2 violate / 7 obs.) bacteria.
	Sources	s: Source Unknown		
TMDL Watershed Name:		Pocomoke R	liver Emba	yments
TMDL Group ID:	76079			
VAT-C09E_BLB01A06	Bulbeggar Creek	ACCOMACK	CO	Located southeast of Pitts Neck area. From estuarine/riverine transition (end of tidal waters) downstream to mouth (confluence with Pocomoke Sound). Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.12 SQUARE MI	LES TMDL Group ID First Listed on 303(d	) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	76079 <b>2006</b>	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges		

DRAFT 6/28/2006 Page 1854 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

טווונ וט	waterbody wante	Oity / Ou	ranty	,
Chesapeake Bay/A	tlantic/Small Coastal	Basins		
TMDL Watershed Name:		Pocomoke	e River Emba	yments
TMDL Group IE	76079			
		Sources: Sources Outside State Juristiction or Wet Weather Discharges (Non-Point Wet Weather Discharges (Point Sour	Source)	of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	76079 <b>2006</b>	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Wet Weather Discharges (Point Sour	Source)	
VAT-C09E_POC01A06	Pocomoke River	ACCOMAC	CK CO	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke Sound) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.21 SQL	ARE MILES TMDL Group ID First Listed on 30	3(d) TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	76079 <b>2006</b>	2010	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

/A Overall AU Category: 5A
----------------------------

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76079

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Page 1855 of 2156 DRAFT 6/28/2006

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basin
---

TMDL Watershed Name: **Pocomoke River Embayments** 

TMDL Group ID:

76079

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C09E\_PTT01A06 **Pitts Creek** ACCOMACK CO Located northeast of Pitts Neck area, along VA/MD border. From VA/MD

state line downstream to mouth (confluence with Pocomoke River) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct

harvesting condemnation # 075-033.

VA Overall AU Category:

Use

Impairment

0.36 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76079 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Open-Water Aquatic Oxygen, Dissolved Life

76079

2006

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1856 of 2156

76079

**Assessment** Assessment Unit Description City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlan	tic/Small	Coastal	<b>Basins</b>
--	------------	-----------	-----------	---------	---------------

TMDL Watershed Name: **Pocomoke River Embayments** 

TMDL Group ID:

VA Overall AU Category:

VAT-C09E\_ZZZ01A06 Unsegmented tidal tributaries in C09E-POCOH ACCOMACK CO Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-

033.

**Impairment** 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) Use TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76079 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 76079 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the Life

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C09E ZZZ02A06 **Unsegmented Pocomoke Sound in POCOH** ACCOMACK CO Evaluated non segmented portions of C09E. Portion of CBP segment

POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-

033

VA Overall AU Category: **Impairment** Use 0.74 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76079 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1857 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake Bay/Atlantic/Small Coastal Basins TMDL Watershed Name: **Pocomoke River Embayments** TMDL Group ID: 76079 Sources: Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) Open-Water Aquatic Oxygen, Dissolved 76079 2006 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the Life 2/26/2006 CFD results supplied by CBPO). Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) VAT-C10E HLD01A06 **Holdens Creek - Upper** ACCOMACK CO Located southeast of Joeys Neck area. From estuarine/riverine transition (end of tidal waters) downstream to 0.5 mi downstream of station @ 7-HLD002.67. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033. VA Overall AU Category: **Impairment** 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Aquatic Life Oxygen, Dissolved 76079 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Oxygen, Dissolved

Open-Water Aquatic

Life

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

76079

DRAFT 6/28/2006 Page 1858 of 2156

2006

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: **Pocomoke River Embayments** 

TMDL Group ID:

76079

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E\_HLD02A06 **Holdens Creek - Lower** ACCOMACK CO Located southeast of Joeys Neck area. From 0.5 mi downstream of station

@ 7-HLD002.67 downstream to mouth. Portion of CBP segment POCOH.

Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category:

**Impairment** Use

0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

76079 Aquatic Life Oxygen, Dissolved 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved

Life

76079

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1859 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: **Pocomoke River Embayments** 

TMDL Group ID: 76079

VAT-C10E\_ZZZ04A06 Unsegmented embayments in C10E-POCOH ACCOMACK CO Evaluated non segmented portions of C10E. Portion of CBP segment

POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-

033.

VA Overall AU Category:

Life

**Impairment** 1.22 SQUARE MILES TMDL Group ID First Listed on 303(d) Use TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Oxygen, Dissolved 76079 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Oxygen, Dissolved 76079 2006 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved

oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E ZZZ04B06 **Unsegmented embayments in C10E-POCOH** ACCOMACK CO Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: 5A Use

**Impairment** 0.21 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Oxygen, Dissolved 76079 2010 The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved Aquatic Life 2006 oxygen criteria for Open Water - Summer (CFD reference conditions using the

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1860 of 2156

**Assessment Assessment Unit Description** City / County\* **Waterbody Name Unit ID** 

TMDL Watershed Name: **Pocomoke River Embayments** 

TMDL Group ID:

76079

Sources: Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

76079

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E\_ZZZ04C06 **Unsegmented tributaries in C10E-POCOH**  ACCOMACK CO

Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category:

Aquatic Life

5A Use

**Impairment** 

0.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

2006

2010

Impairment Specific Comments and/or Impairment Specific VA Category The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life

Oxygen, Dissolved

Oxygen, Dissolved

76079

76079

2006

2010

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the

2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture

Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges

DRAFT 6/28/2006 Page 1861 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Pocomoke River Embayments

TMDL Group ID:

76079

Sources: Sources Outside State Juristiction or Borders

Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name: Pocomoke River Mesohaline Embayments

TMDL Group ID: 76080

VAT-C10E\_BAG01A00 Bagwell Creek ACCOMACK CO Northwest of Town of Justisville. Entirety of creek. Portion of CBP segment

POCMH. DSS shellfish direct harvesting condemnation # 077-138 C.

VA Overall AU Category: 5A

Use Impairment 0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

2006

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

76080

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1862 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins	Chesapeake	Bay/Atlantic/Si	nall Coastal Basins
--	------------	-----------------	---------------------

TMDL Watershed Name: Pocomoke River Mesohaline Embayments

TMDL Group ID: 76080

VAT-C10E\_GLF01A06 Guilford Creek - Upper ACCOMACK CO Northeast of Town of Guilford. Upper portion of creek, from end of tidal

waters downstream to end of DSS condemnation. Portion of CBP segment

POCMH. DSS shellfish condemnation # 076-176 B.

VA Overall AU Category: **5A** 

Use Impairment 0.15 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E\_GLF02A06 Guilford Creek - Lower ACCOMACK CO Northeast of Town of Guilford. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH.

DSS (OPEN) shellfish direct harvesting condemnation # 076-176 B.

VA Overall AU Category:

Use Impairment

Impairment 0.59 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

DRAFT 6/28/2006 Page 1863 of 2156

Assessment Unit ID

Waterbody Name City / County\*

Assessment Unit Description

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Pocomoke River Mesohaline Embayments** 

TMDL Group ID:

76080

Sources: Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharge

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E GSH01A06

**Guard Shore Beach** 

ACCOMACK CO

In Old Cove (Beasley Bay). Located at Bailey Ridge, West of Bloxom. Portion of CBP segment POCMH. No DSS shellfish direct harvesting

condemnation.

VA Overall AU Category: **5A** 

Use

Impairment

0.00 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

**Aquatic Plants (Macrophytes)** 

76080

2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1864 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

Chesapeake	Bay/Atlantic/Small	Coastal Basins
------------	--------------------	----------------

**Pocomoke River Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID:

76080

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E HUN01A00

**Hunting Creek - Upper** 

Aquatic Plants (Macrophytes)

ACCOMACK CO

West of Town of Hopkins. Upper portion of creek, from headwaters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS condemnation # 077-138 B.

VA Overall AU Category:

Aquatic Life

5A

Use

Impairment

0.19 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

2010

Impairment Specific Comments and/or Impairment Specific VA Category

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

76080

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76080

2006

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

DRAFT 6/28/2006 Page 1865 of 2156

**Assessment Assessment Unit Description** City / County\* **Unit ID Waterbody Name** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments** 

TMDL Group ID:

76080

Sources: Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E\_HUN02A06 **Hunting Creek - Lower** ACCOMACK CO West of Town of Hopkins. Lower portion of creek, from end of DSS

condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 077-138.

VA Overall AU Category:

Use

**Impairment** 

0.69 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

76080 Aquatic Life **Aquatic Plants (Macrophytes)** 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1866 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Pocomoke River Mesohaline Embayments

TMDL Group ID: 76080

VAT-C10E\_MES01A06 Messongo Creek - Upper ACCOMACK CO Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi

downstream of Rt 690 crossing. Portion of CBP segment POCMH. Upstream portion of DSS shellfish direct harvesting condemnation # 076-

167 A.

VA Overall AU Category: 5A

Use Impairment 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76080 **2006** 2

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1867 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Pocomoke River Mesohaline Embayments

TMDL Group ID: 76080

VAT-C10E\_MES02A06 Messongo Creek - Middle ACCOMACK CO Located southeast of Saxis. From 0.4 mi downstream of Rt 690 crossing,

downstream to end of DSS condemnation near Town of Belinda. Portion of CBP segment POCMH. Downstream portion of DSS shellfish direct

harvesting condemnation # 076-167 A.

VA Overall AU Category: 5A

Use Impairment 0.27 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E\_MES03A06 Messongo Creek - Lower ACCOMACK CO Located southeast of Saxis. From end of DSS condemnation near Town of

Belinda downstream to the mouth. Portion of CBP segment POCMH. No

DSS shellfish direct harvesting condemnation.

VA Overall AU Category: 5A

Use Impairment

Impairment 0.94 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Im

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

DRAFT 6/28/2006 Page 1868 of 2156

Assessment Unit ID

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Pocomoke River Mesohaline Embayments** 

TMDL Group ID:

76080

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76080

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E MUD01A04

**Muddy Creek - Upper** 

ACCOMACK CO

Located Southeast of Bryds Marsh and northeast of Town of Bloxom on Eastern Shore. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 076-176 A.

VA Overall AU Category:

Use

Impairment

0.34 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76080

2006 2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1869 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Pocomoke River Mesohaline Embayments

TMDL Group ID:

76080

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E\_MUD02A06 Muddy Creek - Lower ACCOMACK CO Located Southeast of Bryds Marsh and northeast of Town of Bloxom. Lower

portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting

condemnation.

VA Overall AU Category: 5

Use

Impairment

0.32 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge

DRAFT 6/28/2006 Page 1870 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name:

Pocomoke River Mesohaline Embayments

TMDL Group ID:

76080

Sources: Internal Nutrient Recycling

Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E\_STR01A06

Starling Creek - Upper

ACCOMACK CO

Northwest shore of Saxis Island area. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 075-118 A.

VA Overall AU Category:

Use

Impairment

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

5A

76080 **2006 2010** 

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation Aquatic Plants (Macrophytes)

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment)

Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

DRAFT 6/28/2006 Page 1871 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: Pocomoke River Mesohaline Embayments

TMDL Group ID:

76080

VAT-C10E\_STR02A06 Starling Creek - Lower ACCOMACK CO Located on Saxis Island, southwest of Pocomoke Sound. Embayment at

town of Saxis. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. No DSS shellfish

direct harvesting condemnation.

VA Overall AU Category: 5A

Use Impairment

npairment 0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

Young Creek - Upper

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment)
Sources Outside State Juristiction or Borders
Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment

POCMH. DSS shellfish condemnation # 076-176 C.

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

VA Overall AU Category: 5A

VAT-C10E\_YOU01A06

Use Impairment

mpairment 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006 2010 The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

ACCOMACK CO

Sources: Agriculture

DRAFT 6/28/2006 Page 1872 of 2156

**Assessment Unit ID** 

**Waterbody Name** 

City / County\*

**Assessment Unit Description** 

#### Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

**Pocomoke River Mesohaline Embayments** 

TMDL Group ID:

76080

Sources: Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

**Aquatic Plants (Macrophytes)** 

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges

Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAT-C10E YOU02A06

Young Creek - Lower

ACCOMACK CO

Northeast of Town of Guilford. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 076-176 C.

VA Overall AU Category:

Use

**Impairment** 

0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Aquatic Life Aquatic Plants (Macrophytes) 76080 2006

2010

Impairment Specific Comments and/or Impairment Specific VA Category The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

DRAFT 6/28/2006 Page 1873 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

TMDL Watershed Name: Pocomoke River Mesohaline Embayments

TMDL Group ID:

76080

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation **Aquatic Plants (Macrophytes)** 

76080 **2006** 

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure

to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

2010

VAT-C10E\_ZZZ02A06 Unsegmented estuaries in C10E-POCMH.

ACCOMACK CO

Evaluated non segmented portions of C10E not contained within VACB-R01E-CB7S. Portion of CBP segment POCMH. No DSS shellfish direct

harvesting condemnations.

VA Overall AU Category:

Use

Impairment

3.22 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Aquatic Plants (Macrophytes)

76080

2006

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation

Aquatic Plants (Macrophytes)

76080

2006

2010

The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources: Agriculture

Atmospheric Deposition - Nitrogen

Clean Sediments

Industrial Point Source Discharge Internal Nutrient Recycling

DRAFT 6/28/2006 Page 1874 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** 

Chesapeake	Bay/Atlanti	ic/Small	Coastal	<b>Basins</b>
Circsupcuive			Cousini	Dustits

**Pocomoke River Mesohaline Embayments** TMDL Watershed Name:

TMDL Group ID:

76080

Sources: Loss of Riparian Habitat

Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Non-Point Source)

Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Poquoson River, Unnamed Cove (UT Patricks Creek) TMDL Watershed Name:

TMDL Group ID: 01805

VAT-C07E\_POQ02B04 **Unnamed Cove - Poquoson River** YORK CO North shore trib to Poquoson R. east of Piney Point Estates. DSS shellfish

condemnation # 053-137B. CBP Segment MOBPH.

VA Overall AU Category:

Use

Impairment

0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Shellfishing **Fecal Coliform** 01805 2006 2010 DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks.

Sources: Source Unknown

TMDL Watershed Name: Poquoson River, Upper

TMDL Group ID:

00416

VAT-C07E POQ01A06 Poguoson River - Upper YORK CO From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point

downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarter

March Creeks. CBP Segment MOBPH.

VA Overall AU Category:

**Impairment** Use

0.40 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

00416 Recreation **Enterococcus** 2006 2010 Recreation Use impaired due to Enterococcus concentrations (10 violates / 13 obs.)

> exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12

observations has been reached).

Sources: Source Unknown

DRAFT 6/28/2006 Page 1875 of 2156

Assessment Unit ID	Waterbody Name		City / County	y*	Assessment Unit Description
Chesapeake Bay/Atl	antic/Small Coastal B	asins			
TMDL Watershed Name:	Poquoson River, Upper		per		
TMDL Group ID:	01806				
VAT-C07E_POQ01A06	Poquoson River - Upper		YORK CO		From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarte March Creeks. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.40 SQUARE	MILES TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform Sou	01806 rces: Source Unknown	2006	2010	DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks.
TMDL Watershed Name:	Powells Bay				
TMDL Group ID:	76016				
VAT-D01E_PWB01A06	Powells Bay		ACCOMACK C		NW of Wallops Island, between Watts and Bogues Bays. No DSS condemnation.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.57 SQUARE	MILES TMDL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76016	2006	2018	The Recreatiion Use is impaired due to exceedance of the criteria for Enterococci bacteria ( 2 violates / 9 obs.).
	Sou	rces: Source Unknown			·
TMDL Watershed Name:			Prentice	Creek (220	C)
TMDL Group ID:	00969				
VAP-C01E_PNT01A02	Prentice Creek		NORTHUMBERLAN	ND CO	Described in the condemnation notice 015-022D, 4/25/2003.
VA Overall AU Category: <b>5A</b>					СВ5МН.
Use Shellfishing	Impairment 0.01 SQUARE Fecal Coliform	MILES TMDL Group ID 00969	First Listed on 303(d) <b>1998</b>	TMDL Schedule 2010	Impairment Specific Comments and/or Impairment Specific VA Category 00969 (SF)
					VAP-C01E-19
	Sou	rces: Source Unknown			VDH-DSS Shellfish Condemnation Notice 015-022D, 4/25/2003.

DRAFT 6/28/2006 Page 1876 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/Att	lantic/Small Coastal Basins			
TMDL Watershed Name:	Prentice Creek (22D)			
TMDL Group ID:	00233			
VAP-C01E_PNT03A02	Prentice Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022E, 4/25/2003.	
			CB5MH.	
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.01 SQUARE MILES TMDL Group II  Fecal Coliform 00233	D First Listed on 303(d) TMDL Schedu 1998 2010	Impairment Specific Comments and/or Impairment Specific VA Category 00233 (SF)	
Ü			VAP-C01E-09	
			VDH-DSS Shellfish Condemnation Notice 015-022E, 4/25/2003.	
	Sources: Source Unknown			
TMDL Watershed Name:		Pungoteague Creek and t	tributaries	
TMDL Group ID:	76013			
VAT-C12E_PUN01A06	Pungoteague Creek - Upper	ACCOMACK CO	Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.29 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category	
Recreation	Enterococcus 76013	2006 2018	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.	
Sources: Source Unknown				
VAT-C12E_PUN02A06	Pungoteague Creek - Lower	ACCOMACK CO	Located west of Town of Melfa. Lower portion of Pungoteague Cr. from confluence with Taylor Creek (RM 2.4) downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 081-119.	
VA Overall AU Category: <b>5A</b> Use	Impairment 1.35 SQUARE MILES TMDL Group II	D First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category	
Recreation	Enterococcus 76013	2006 2018	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.	
	Sources: Source Unknown		on data nom the downstream station to 17-1 014002.12.	

DRAFT 6/28/2006

**Assessment** 

Unit ID	Waterbody Name		City / Count	<b>y</b> *	Assessment Unit Description
Chesapeake Bay/At	lantic/Small Coastal Basii	ns			
TMDL Watershed Name:	Pungoteague Creek and tributaries				
TMDL Group ID	76013				
VAT-C12E_TAY01A06	Taylor Creek		ACCOMACK C	0	Located southwest of Harborton. From headwaters to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MILE	ES TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76013	2006	2018	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.
	Sources:	Source Unknown			_
VAT-C12E_WRP01A06	Warehouse Prong - Upper		ACCOMACK CO		Located north of Bobtown and east of Boggs Wharf. Upper portion, from headwaters to confluence with UT. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish condemnation # 081-119D.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.04 SQUARE MILE	ES TMDL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76013	2006	2018	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.
	Sources:	Source Unknown			
VAT-C12E_WRP02A06	Warehouse Prong - Lower		ACCOMACK CO		Located north of Bobtown and east of Boggs Wharf. Lower portion, from confluence with UT downstream to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.05 SQUARE MILE	ES TMDL Group ID	First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	76013	2006	2018	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.
	Sources:	Source Unknown			

DRAFT 6/28/2006 Page 1878 of 2156

Waterbody Name	City / County*	Assessment Unit Description			
lantic/Small Coastal Basins	•				
	Pungoteague Creek,	Upper			
00303					
Pungoteague Creek - Upper	ACCOMACK CO	Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.			
Impairment 0.29 SQUARE MILES	TMDI Group ID First Listed on 303(d) TMDI Sched	lule Impairment Specific Comments and/or Impairment Specific VA Category			
Fecal Coliform	00303 1998 2010	DSS shellfish condemnation # 081-119 B. The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.			
Sources: So	ource Unknown				
Warehouse Prong - Lower	ACCOMACK CO	Located north of Bobtown and east of Boggs Wharf. Lower portion, from confluence with UT downstream to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.			
/A Overall AU Category: 5A Use Impairment 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category					
Fecal Coliform	00303 <b>1998 2010</b>	DSS shellfish condemnation # 081-119 B. The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.			
Sources: So	ource Unknown				
Put In Creek					
01014					
Put In Creek	MATHEWS CO	Described in the condemnation notice 041-005A, 9/15/2004.			
		Size adjusted in 2006 cycle, although area did not change.			
		МОВРН			
		lule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-14			
. Jour Johnson	2010	VDH-DSS SFC Number 041-005A, 9/15/2004			
Sources: So	ource Unknown				
	Impairment 0.29 SQUARE MILES Fecal Coliform  Sources: So Warehouse Prong - Lower  Impairment 0.05 SQUARE MILES Fecal Coliform  Sources: So O1014  Put In Creek  Impairment 0.13 SQUARE MILES Fecal Coliform	Pungoteague Creek,  00303  Pungoteague Creek - Upper  ACCOMACK CO  Impairment  0.29 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Scheol Fecal Coliform  00303  Sources: Source Unknown  Warehouse Prong - Lower  ACCOMACK CO  Impairment  0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Scheol Tecal Coliform  00303  1998  2010  Sources: Source Unknown  Put In Creek  01014  Put In Creek  MATHEWS CO			

DRAFT 6/28/2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/At	tlantic/Small Coastal Basins		
TMDL Watershed Name:		Queens Creek	
TMDL Group ID	01015		
VAP-C04E_QUE01A98	Queens Creek	MATHEWS CO	Described in the condemnation notice 037-099A, 4/28/2004.
			Size reduced in 2006 cycle.
			PIAMH
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.23 SQUARE MILES  Fecal Coliform	TMDL Group ID First Listed on 303(d) TMDL Scheo 01015 <b>1998 2010</b>	lule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-01
<b>3</b>			VDH-DSS SFC Number 037-099A, 4/28/2004
			The segment was assessed as impaired in 2004 based on VDH-DSS Shellfish Condemnation 099A, 2/1/2001. During the 2006 cycle, the SFC was reissued on 4/28/2004 and the closed area was shortened and split into two portions (A - 0.23 mi2 and B - 0.02 mi2) which remain closed.
	Sources: So	urce Unknown	
VAP-C04E_QUE01B06	Queens Creek	MATHEWS CO	Described in the condemnation notice 037-099B, 4/28/2004.
			Segment split from VAP-C04E_QUE01A98 in 2006
			PIAMH
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.02 SQUARE MILES  Fecal Coliform	TMDL Group ID First Listed on 303(d) TMDL Scheo 01015 <b>1998 2010</b>	lule Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-01
Silemisting	recai Comorni	01013 1990 2010	VDH-DSS SFC Number 037-099B, 4/28/2004
			The segment was assessed as impaired in 2004 based on VDH-DSS Shellfish Condemnation 099A, 2/1/2001. During the 2006 cycle, the SFC was reissued on 4/28/2004 and the closed area was shortened and split into two portions (A - 0.23 mi2 and B - 0.02 mi2) which remain closed.
	Sources: So	urce Unknown	

DRAFT 6/28/2006 Page 1880 of 2156

Assessment Unit ID	Waterbody Name		City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Be	asins		
TMDL Watershed Name:			Quinby Harbor - Upshu	ur Bay
TMDL Group ID:	76024			
VAT-D04E_UPS01A06	Quinby Harbor-Upshur Bay		ACCOMACK CO	Located east of Quinby. Segment around area at mouth of Quinby Harbor. DSS shellfish seasonal condemnation # 096-218.
VA Overall AU Category: <b>5A</b> Use Aquatic Life	Impairment 0.06 SQUARE Oxygen, Dissolved	MILES TMDL Group ID 76024	First Listed on 303(d) TMDL Schedule <b>2006 2018</b>	e Impairment Specific Comments and/or Impairment Specific VA Category  The Aquatic Life use is impaired due to dissolved oxygen concentrations ( 2 violates / 9 obs.) below the criteria minimum (4.0 mg/l). This assessment unit is added for 2006
				IR TMDL ID VAT-D04E-03.
	Soul	rces: Source Unknown		
TMDL Watershed Name:			Red Bank Creek	
TMDL Group ID:	01467			
VAT-D04R_RBC01A04	Red Bank Creek		NORTHAMPTON CO	Southeast of Marionville. Segment from headwaters downstream to end of tidal waters.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.22 MILES	TMDL Group ID	First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01467	2004 2016	The Recreatiion Use is impaired due to exceedance ( 2 violates / 3 obs.) of the instaneous criteria for fecal coliform.
	Soul	rces: Source Unknown		
TMDL Group ID:	76025			
VAT-D04E_RBC01A04	Red Bank Creek - Upper		NORTHAMPTON CO	Tributary to Hog Island Bay. Southeast of Marionville, near Brick House Neck. Segment from end of tidal waters downstream to confluence of UT (XDF). DSS shellfish condemnation # 095-192.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.00 SQUARE	MILES TMDL Group ID	First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	76025 rces: Source Unknown	2006 2018	DSS shellfish condemnation # 095-192. Effective 2004-12-17. Added 2006 IR.
VAT-D04E_RBC02A06	Red Bank Creek - Middle		NORTHAMPTON CO	Tributary to Hog Island Bay. Southeast of Marionville, near Brick House Neck. Segment from UT (XDF) confluence downstream to end of DSS shellfish condemnation # 095-192.
VA Overall AU Category: <b>5B</b> Use	Impairment 0.01 SQUARE	MILES TMDL Group ID	First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	76025 rces: Source Unknown	2006 2018	DSS shellfish condemnation # 095-192. Effective 2004-12-17. Added 2006 IR.

DRAFT 6/28/2006 Page 1881 of 2156

Assessment Unit ID	Waterbody Name	City / County	*	Assessment Unit Description	
Chesapeake Bay/Att	lantic/Small Coastal Basins				
TMDL Watershed Name:		Red Bank Creek,	Unnamed	l Tributary	
TMDL Group ID:	01466				
VAT-D04E_XDF01A04	Unnamed tributary to Red Bank Creek.	NORTHAMPTON	со	Tributary to Red Bank Creek. Southeast of Marionville, near Brick House Neck. Segment from first branching of creek (RM 0.3) downstream to confluence with Red Bank Creek. DSS shellfish harvesting condemnation # 095-192.	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category	
Aquatic Life	Oxygen, Dissolved	01466 <b>2004</b>	2016	The Aquatic Life use is impaired due to dissolved oxygen concentrations ( 2 violates / 5 obs.) below the criteria minimum (4.0 mg/l).	
	Sources: Sou	urce Unknown			
TMDL Group ID:	76026				
VAT-D04E_XDF01A04	Unnamed tributary to Red Bank Creek.	NORTHAMPTON	СО	Tributary to Red Bank Creek. Southeast of Marionville, near Brick House Neck. Segment from first branching of creek (RM 0.3) downstream to confluence with Red Bank Creek. DSS shellfish harvesting condemnation # 095-192.	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.10 SQUARE MILES 1	TMDL Group ID First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category	
Shellfishing	Fecal Coliform	76026 <b>2006</b>	2018	The Shellfishing Use is impaired due to the DSS shellfish harvesting condemnation # 095-192. Effective 2004-12-17. Added for 2006 IR.	
	Sources: Sou	urce Unknown			
TMDL Watershed Name:	Red Bank Creek, Upper				
TMDL Group ID:	01465				
VAT-D04E_RBC01A04	Red Bank Creek - Upper	NORTHAMPTON	СО	Tributary to Hog Island Bay. Southeast of Marionville, near Brick House Neck. Segment from end of tidal waters downstream to confluence of UT (XDF). DSS shellfish condemnation # 095-192.	
VA Overall AU Category: <b>5A</b> Use	Impairment 0.00 SQUARE MILES 1	TMDL Group ID First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category	
Aquatic Life	Oxygen, Dissolved	01465 <b>2004</b>	2016	The Aquatic Life use is impaired ( 2 violates / 5 obs.) due to dissolved oxygen	
	Sources: Sou	urce Unknown		concentrations below the criteria minimum (4.0 mg/l).	

DRAFT 6/28/2006 Page 1882 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atl	lantic/Small Coastal Basir	ıs	
TMDL Watershed Name:		Roberts Creek - Poo	quoson River
TMDL Group ID:	01748		
VAT-C07E_ROB01A04	Roberts Creek - Poquoson River	POQUOSON CITY CITY	South shore trib to Poquoson R. South of Dare area. DSS Shellfish condemnation # 053-137 F. CBP Segment MOBPH.
VA Overall AU Category: <b>5A</b> Use		S TMDL Group ID First Listed on 303(d) TMDL S	
Shellfishing	Fecal Coliform  Sources:	01748 <b>2006 2010</b> Source Unknown	DSS Shellfish condemnation # 053-137 F.
TMDL Watershed Name:		Ross Brai	nch
TMDL Group ID:	01463		
VAT-D03R_RSS01A02	Ross Branch	ACCOMACK CO	Tributary to Folly Creek. Riverine section of Ross Branch, segment begins at headwaters extending downstream to start of tidal waters. Located south of Accomac.
VA Overall AU Category: <b>5A</b> Use	Impairment 3.08 MILES	TMDL Group ID First Listed on 303(d) TMDL S	Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life <b>Benthic</b>	-Macroinvertebrate Bioassessments (Streams)	01463 <b>2002 201</b> 4	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Benthic population impacts were recorded at the following sample events: 7-RSS001.40 - moderately impaired [MI:S-'00,F-'00,F-'02].
-	Sources:	Source Unknown	
TMDL Watershed Name:		Sandy Bottom	Branch
TMDL Group ID:	00423		
VAT-C10R_SBB01A00	Sandy Bottom Branch	ACCOMACK CO	Located southwest of Makemie Park area. Entire Sandy Bottom Branch downstream to confluence with Holdens Creek.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.24 MILES	TMDL Group ID First Listed on 303(d) TMDL S	Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life <b>Benthic</b>	-Macroinvertebrate Bioassessments (Streams)	00423 <b>2004 2010</b>	The Aquatic Life Use is impaired due to impacts to the stream's benthic population and exceedance of the freshwater acute criteria for copper. Assessment is based on biological benthic monitoring noting SI (F-'00,S-'01,F-'01,S-'02,F-'02] at DEQ (BIO) station @ 7-SBB000.17. impairment not proposed for delisting since biological results have not provided a Full Support rating.
	Sources:	Source Unknown	

Assessment Unit ID	Waterbody Name	City / C	ounty*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basi	ns		
TMDL Watershed Name:		Sand	y Bottom Brar	nch
TMDL Group ID:	00424			
VAT-C10R_SBB01A00	Sandy Bottom Branch	ACCOMA	ACK CO	Located southwest of Makemie Park area. Entire Sandy Bottom Branch downstream to confluence with Holdens Creek.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.24 MILES	TMDL Group ID First Listed on 3	03(d) TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00424 <b>2006</b>	2016	The Recreation Use is impaired due to exceedance of the criteria for Ecoli bacteria ( 4 violates / 16 obs.). The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Ecoli criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.
	Sources	Source Unknown		
TMDL Group ID:	01301			
VAT-C10R_SBB01A00	Sandy Bottom Branch	ACCOMA	ACK CO	Located southwest of Makemie Park area. Entire Sandy Bottom Branch downstream to confluence with Holdens Creek.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.24 MILES	TMDL Group ID First Listed on 3	03(d) TMDL Schedul	le Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Copper	01301 <b>2002</b>	2010	The Aquatic Life Use is impaired due to impacts to the stream's benthic population and exceedance of the freshwater acute criteria for copper. Freshwater acute criteria for copper exceeded in monitoring @ 7-SBB000.17 ( 2 violates / 5 obs., during 2000 & 2001).
	Sources	Industrial Point Source Discharge Source Unknown		
Wildlife	Copper	01301 <b>2002</b>	2010	The Wildlife Use is impaired due to exceedance of the freshwater acute criteria for copper. Freshwater acute criteria for copper exceeded in monitoring @ 7-SBB000.17 (2 violates / 5 obs., during 2000 & 2001).
	Sources	Industrial Point Source Discharge Source Unknown		

DRAFT 6/28/2006 Page 1884 of 2156

Assessment
Unit ID Waterbody Name City / County\* Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins
--

TMDL Watershed Name: Sandy Bottom Branch, Unnamed Tributary

TMDL Group ID: 00425

VAT-C10R\_XAZ01A00 Unnamed trib to Sandy Bottom Branch ACCOMACK CO Located south of Makemie Park area. Portion of unnamed trib. originating at

outfall 001 of VPDES VA0004049 downstream to confluence with Sandy

Bottom Branch (@ Rt 693 crossing).

VA Overall AU Category: **5A** 

Use Impairment 1.65 MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Recreation Fecal Coliform 00425 2004 2010 The Recreation Use impairment previously reported is retained because monit

The Recreatiion Use impairment previously reported is retained because monitoring for the current data cycle exhibits Observed Effects based on insufficient exceedances of the criteria for Fecal Coliform bacteria in a small dataset (1 violates / 9 obs.), and are insufficient to confirm improvement. Although nine observations for Fecal Coliform bacteria are reported during this data period, results do not confirm a reduction in bacteria levels (1 violates / 9 obs.), and there are insufficient number of obs. for Ecoli (0 violates / 4 obs.) to replace the previous Fecal Coliform bacteria criteria. The previous impairment assessment (indicating elevated levels of Fecal Coliform bacteria for the 1996 303d report) is retained resulting in an impaired assessment.

Assessment is retained until sufficient data for re-evaluation is acquired.

Sources: Source Unknown

TMDL Group ID: 00426

VAT-C10R\_XAZ01A00 Unnamed trib to Sandy Bottom Branch ACCOMACK CO Located south of Makemie Park area. Portion of unnamed trib. originating at outfall 001 of VPDES VA0004049 downstream to confluence with Sandy

Bottom Branch (@ Pt 603 crossing)

Bottom Branch (@ Rt 693 crossing).

VA Overall AU Category: **5A** 

Use Impairment 1.65 MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life Benthic-Macroinvertebrate Bioassessments 00426 1996 2010 The Aquatic Life Use is impaired due to impacts to the stream's benthic population

(Streams) and ex

and exceedance of the freshwater acute criteria for copper. Assessment is based on biological benthic monitoring noting MI (F-'01,S-'02,F-'02] at DEQ (BIO) station @ 7-SBB000.17.

Sources: Source Unknown

DRAFT 6/28/2006 Page 1885 of 2156

Assessment Unit ID	Waterbody Name	City / County	*	Assessment Unit Description	
Chesapeake Bay/A	tlantic/Small Coastal Basi	ins			
TMDL Watershed Name:		Severn River, N	orthwest	Branch	
TMDL Group ID	01024				
VAP-C06E_SEN01A02	Northwest Branch Severn River	GLOUCESTER (	o	Described in the condemnation notice 044-093A, 4/16/2004.	
				Size reduced in 2006 cycle.	
				МОВРН	
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.33 SQUARE MIL Fecal Coliform	LES TMDL Group ID First Listed on 303(d) 01024 1998	ΓMDL Schedule 2010	e Impairment Specific Comments and/or Impairment Specific VA Category VAP-C06E-01	
				VDH-DSS Shellfish Condemnation 044-093A, 4/16/2004	
	Sources	: Source Unknown		During the 2004 cycle, this segment was reduced in the 4/16/2004 condemnation.	
TMDL Group ID: 01027					
VAP-C06R_SEN01A00	Northwest Branch Severn River	GLOUCESTER (	Ю	From its headwaters to the extent of tide.	
VA Overall AU Category: <b>5A</b> Use Aquatic Life	Impairment 3.10 MILES  Chloride	TMDL Group ID First Listed on 303(d) 01027 <b>2004</b>	ΓMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category	
Aquatic Life		: Source Unknown	2010		
Wildlife	Chloride Sources	01027 <b>2004</b> : Source Unknown	2016		
TMDL Group ID	01036				
VAP-C06R_SEN01A00	Northwest Branch Severn River	GLOUCESTER (	00	From its headwaters to the extent of tide.	
VA Overall AU Category: <b>5A</b> Use	Impairment 3.10 MILES	TMDL Group ID First Listed on 303(d)	TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category	
Recreation	Fecal Coliform Sources	01036 <b>2002</b> : Source Unknown	2014		
-				<u> </u>	

DRAFT 6/28/2006 Page 1886 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Starling Creek - Up	per
TMDL Group ID:	01236		
VAT-C10E_STR01A06	Starling Creek - Upper	ACCOMACK CO	Northwest shore of Saxis Island area. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 075-118 A.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.08 SQUARE MILES TMF	DL Group ID First Listed on 303(d) TMDL Schedule	le Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform  Sources: Source	01236 <b>1998 2010</b>	DSS shellfish condemnation # 075-118 A.
TMDL Watershed Name:		Stutts Creek	
TMDL Group ID:	01016		
VAP-C04E_STT01A98	Stutts Creek	MATHEWS CO	Described in the condemnation notice 037-061A, 7/15/2004.
			Segment shortened in 2006 cycle.
			PIAMH
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.09 SQUARE MILES TME Fecal Coliform	DL Group ID First Listed on 303(d) TMDL Schedule 01016 1998 2010	le Impairment Specific Comments and/or Impairment Specific VA Category VAP-C04E-05
			VDH-DSS Shellfish Condemnation 037-061A, 7/15/2004.
	Sources: Source	e Unknown	Size reduced in 2006 cycle.
TMDL Watershed Name:		Swan Gut Creek	
TMDL Group ID:	01249		
VAT-D01E_SGT01A04	Swan Gut Creek	ACCOMACK CO	From Virginia/Maryland state line downstream to mouth (confluence with Chincoteague Bay). DSS comdemnation # 100-097.
VA Overall AU Category: <b>5A</b> Use		DL Group ID First Listed on 303(d) TMDL Schedule	le Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform Sources: Source	01249 <b>2004 2010</b> e Unknown	

Assessment Unit ID	Waterbody Name	Ci	ty / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal I	Basins		
TMDL Watershed Name:			Swan Gut Creek	
TMDL Group ID:	01456			
VAT-D01E_SGT01A04	Swan Gut Creek	AC		From Virginia/Maryland state line downstream to mouth (confluence with Chincoteague Bay). DSS comdemnation # 100-097.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.13 SQUA	RE MILES TMDL Group ID First List	ed on 303(d) TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01456 <b>200</b>	4 2016	The Aquatic Life use is impaired due to dissolved oxygen concentrations ( 3 violates / 15 obs.) below the criteria minimum.
	S	ources: Source Unknown		<u> </u>
TMDL Group ID:	76017			
VAT-D01E_SGT01A04	Swan Gut Creek	AC		From Virginia/Maryland state line downstream to mouth (confluence with Chincoteague Bay). DSS comdemnation # 100-097.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.13 SQUA	RE MILES TMDL Group ID First List	ed on 303(d) TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Enterococcus</b> S	76017 <b>200</b> ources: Source Unknown	6 2018	Exceeding criteria ( 2 violates / 3 obs. ) for Enterococcus bacteria.
TMDL Watershed Name:			Tabbs Creek	
TMDL Group ID:	00971			
VAP-C01E_TBS01A98	Tabbs Creek	LAI	NCASTER CO	Described in the condemnation notice 016-133, 12/6/2002.
				Size reduced in 2004 cycle.
				СВ5МН
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.07 SQUA	RE MILES TMDL Group ID First List 00971 199		Impairment Specific Comments and/or Impairment Specific VA Category VAP-C01E-27
	S	ources: Source Unknown		VDH-DSS Shellfish Condemnation Notice 133, 12/6/2002

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basins	1	
TMDL Watershed Name:		Tabbs Creek	
TMDL Group ID:	01218		
VAT-C07E_TBC01A04	Tabbs Creek - Back River	POQUOSON CITY CITY	Tributary to Northwest Branch Back River. Portion of DSS shellfish condemnation # 054-021D. CBP segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform  Sources: Se	01218 <b>2006 2010</b> purce Unknown	Portion of DSS shellfish condemnation # 054-021D.
TMDL Watershed Name:		Taylor Creek	
TMDL Group ID:	01451		
VAT-C12R_TAY01A04	Taylor Creek	ACCOMACK CO	Located east of Town of Pungoteague. From point where stream forks downstream to confluence of UT below Rt 178.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.85 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life <b>Benthic</b>	c-Macroinvertebrate Bioassessments (Streams)	01451 <b>2004 2016</b>	The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Assessment is based on biological benthic monitoring noting MI (F-'01,S-'02,F-'02] at DEQ (BIO) station @ 7-TAY003.11.
	Sources: So	ource Unknown	
TMDL Group ID:	01469		
VAT-D05R_TAL01A02	Taylor Creek	NORTHAMPTON CO	Located northeast of Simpkins. Segment from Penn Central RR crossing downstream to impoundment 0.1 mi. downstream of station.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.75 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01469 <b>2002 2014</b>	The Recreatiion Use is impaired due to exceedance of the criteria (9 violates / 22 obs.) for Fecal Coliform bacteria. No data for Ecoli in 2006 IR data window.
	Sources: So	ource Unknown	·
TMDL Group ID:	01783		
VAT-C12E_TAY01A06	Taylor Creek	ACCOMACK CO	Located southwest of Harborton. From headwaters to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 C.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01783 <b>1998 2010</b>	DSS shellfish condemnation # 081-119 C. The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria ( 2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.
	Sources: So	ource Unknown	

DRAFT 6/28/2006 Page 1889 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basi	ins	
TMDL Watershed Name:		Taylor Creek	
TMDL Group ID:	01783		
TMDL Group ID:	76015		
VAT-C12R_TAY01A04	Taylor Creek	ACCOMACK CO	Located east of Town of Pungoteague. From point where stream forks downstream to confluence of UT below Rt 178.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.85 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule	e Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	76015 <b>2006 2018</b>	The Recreatiion Use is impaired due to exceedance of the criteria for Ecoli bacteria ( 2 violates / 10 obs.) and exhibits Observed Effects due to insufficient exceedances within a small dataset ( 1 violate / 7 obs) for the Ecoli bactreia criteria
	Sources:	Source Unknown	·
TMDL Watershed Name:		Thalia Creek	
TMDL Group ID:	00417		
VAT-C08E_THA01A02	Thalia Creek/Thurston Branch	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MIL	ES TMDL Group ID First Listed on 303(d) TMDL Schedul	e Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	00417 <b>2006 2010</b>	The Recreation Use is impaired due to exceedances (14 violates / 15 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.
	Sources	Source Unknown	
TMDL Group ID:	01226		
VAT-C08E_THA01A02	Thalia Creek/Thurston Branch	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).
VA Overall AU Category: <b>5A</b> Use	Impairment 0.16 SQUARE MII	ES TMDL Group ID First Listed on 303(d) TMDL Schedulo	e Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01226 <b>1998 2004</b>	Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 &
	Sources:	Discharges from Municipal Separate Storm Sewer System Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar I	

DRAFT 6/28/2006 Page 1890 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Chesapeake Bay/Att	lantic/Small Coastal Bas	ins		
TMDL Watershed Name:		Thalia Creek		
TMDL Group ID:	01226			
TMDL Watershed Name:		The Gulf, Upper		
TMDL Group ID:	01242			
VAT-C14E_THG01A06	The Gulf - Upper	NORTHAMPTON CO	From end of tidal waters downstream to narrowing 0.45 mi. from mouth. Portion of CBP segment CB7PH. DSS shellfish condemnation # 087-174.	
VA Overall AU Category: 5A Use Shellfishing	Fecal Coliform	LES TMDL Group ID First Listed on 303(d) TMDL Schedule 01242 1998 2010 s: Source Unknown	Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish condemnation # 085-199 A.	
TMDL Watershed Name:	Thorntons Creek			
TMDL Group ID:	01025			
VAP-C06E_THC01A98	Thorntons Creek	GLOUCESTER CO	Described in the condemnation notice 044-054B, 4/16/2004.	
			Size increased in 2006 cycle.	
			MOBPH	
VA Overall AU Category: <b>5A</b> Use		LES TMDL Group ID First Listed on 303(d) TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category	
Shellfishing	Fecal Coliform	01025 <b>1998 2010</b>	VAP-C06E-05	
	Sources	s: Source Unknown	VDH DSS Shellfish Condemnation 044-054B, 4/16/2004	

DRAFT 6/28/2006 Page 1891 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basins		
TMDL Watershed Name:		Tipers Creek	
TMDL Group ID:	00972		
VAP-C01E_TIP01A98	Tipers Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089C, 4/16/2004.
			Area expanded in 2006 cycle,
			CB5MH.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.14 SQUARE MILES TMDL Group II Fecal Coliform 00972	D First Listed on 303(d) TMDL Schedu 1998 2010	lle Impairment Specific Comments and/or Impairment Specific VA Category 00972 (SF)
			VAP-C01E-03
			VDH-DSS Shellfish Condemnation Notice 013-89C, 4/16/2004. Area expanded in the 2006 cycle.
	Sources: Source Unknown		
TMDL Watershed Name:		Underhill Creek	
TMDL Group ID:	76014		
VAT-C12E_UNR01A06	Underhill Creek	ACCOMACK CO	In area of Mount Nebo. North shore tributary to Pungoteague Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 081-119 A. Effective 2004-10-13.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.09 SQUARE MILES TMDL Group II	) First Listed on 303(d) TMDL Schedu	lle Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform 76014 Sources: Source Unknown	1998 2018	DSS shellfish condemnation # 081-119 A. Effective 2004-10-13.
TMDL Watershed Name:	Unsegmented embayments in C10E-POCOH		
TMDL Group ID:	76118		
VAT-C10E_ZZZ04A06	Unsegmented embayments in C10E-POCOH	ACCOMACK CO	Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 1.22 SQUARE MILES TMDL Group II	) First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform 76118 Sources: Source Unknown	1998 2010	Portion of DSS shellfish condemnation # 075-033.

DRAFT 6/28/2006 Page 1892 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Ata	lantic/Small Coastal Basins		
TMDL Watershed Name:	U	nsegmented embayments ir	n C10E-POCOH
TMDL Group ID:	76118		
VAT-C10E_ZZZ04C06	Unsegmented tributaries in C10E-POCOH	ACCOMACK CO	Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.00 SQUARE MILES TMDL Group Tecal Coliform 7611 Sources: Source Unknown		Impairment Specific Comments and/or Impairment Specific VA Category Portion of DSS shellfish condemnation # 075-033.
TMDL Watershed Name:	Unseg	mented Pocomoke Sound/Pi	itts Creek in POCOH
TMDL Group ID:	01230		
VAT-C09E_PTT01A06	Pitts Creek	ACCOMACK CO	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke River) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.36 SQUARE MILES TMDL Group of the control of the cont		le Impairment Specific Comments and/or Impairment Specific VA Category Portion of DSS shellfish condemnation # 075-033.
VAT-C09E_ZZZ01A06	Unsegmented tidal tributaries in C09E-POCOH	ACCOMACK CO	Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.02 SQUARE MILES TMDL Grou	p ID First Listed on 303(d) TMDL Schedu	ule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform 0123 Sources: Source Unknown	0 <b>1998 2010</b>	Portion of DSS shellfish condemnation # 075-033.
VAT-C09E_ZZZ02A06	Unsegmented Pocomoke Sound in POCOH	ACCOMACK CO	Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.74 SQUARE MILES TMDL Group O123  Fecal Coliform 0123  Sources: Source Unknown		Impairment Specific Comments and/or Impairment Specific VA Category Portion of DSS shellfish condemnation # 075-033.

DRAFT 6/28/2006 Page 1893 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Vaughans Creek	
TMDL Group ID:	01026		
VAP-C06E_VGH01A98	Vaughans Creek	GLOUCESTER CO	Described in the condemnation notice 044-093B, 4/16/2004.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.12 SQUARE MILES TMDL Group ID	First Listed on 303(d) TMDL Schedul	MOBPH  le Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform 01026	1998 2010	VAP-C06E-01
			VDH-DSS Shellfish Condemnation 044-093B, 4/16/2004 During the 2004 cycle, this segment was included within the NW Branch Severn River condemnation. During the 2006 cycle, the impairment contracted in the 4/16/2004 condemnation and the segment was split into two separate segments. The following segments remain impaired:
			NW Branch Severn River: 004-093A, 0.33 sq. mi Vaughans Creek: 004-093B, 0.12 sq. mi.
	Sources: Source Unknown		vaughano orodii. 60 1 6665, o. 12 6q. iiii.
TMDL Watershed Name:		Wallace Creek	
TMDL Group ID:	01220		
VAT-C07E_WAL02A06	Wallace Creek - Lower (Back River)	HAMPTON CITY	Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. DSS shellfish condemnation # 054-215 C. CBP segment MOBPH.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.06 SQUARE MILES TMDL Group ID  Fecal Coliform 01220  Sources: Source Unknown	First Listed on 303(d) TMDL Schedul 2006 2010	le Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish condemnation # 054-215 C.
TMDL Watershed Name:		Ware River	
TMDL Group ID:	01018		
VAP-C05E_WAR01A02	Ware River	GLOUCESTER CO	Described in the condemnation notice 043-096A, 7/6/2004.
			Size increased in 2006 cycle.
			MOBPH
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.81 SQUARE MILES TMDL Group ID  Fecal Coliform 01018	First Listed on 303(d) TMDL Schedul  1998 2010	le Impairment Specific Comments and/or Impairment Specific VA Category VAP-C05E-01
	Courses Course Halington		VDH-DSS Shellfish Condemnation 043-096A, 7/6/2004
	Sources: Source Unknown		

DRAFT 6/28/2006 Page 1894 of 2156

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Warehouse Cree	k
TMDL Group ID:	00974		
VAP-C01E_WRH01A98	Warehouse Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089G, 4/16/2004. Area expanded for the 2006 cycle.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.08 SQUARE MILES TMDL Group ID  Fecal Coliform 00974	First Listed on 303(d) TMDL Schedu 1998 2010	le Impairment Specific Comments and/or Impairment Specific VA Category 00974 (SF)
			VAP-C01E-06
			VDH-DSS Shellfish Condemnation Notice 013-089G, 4/16/2004. Area expanded for the 2006 cycle.
	Sources: Source Unknown		
TMDL Group ID:	01240		
VAT-C13E_WHC02A06	Warehouse Creek - Middle	NORTHAMPTON CO	Including northern fork and continuing downstream to bend near Wellington Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 D.
VA Overall AU Category: 5A Use	Impairment 0.15 SQUARE MILES TMDL Group ID		
Shellfishing	Fecal Coliform 01240 Sources: Source Unknown	1998 2010	DSS shellfish condemnation # 085-199 A.
TMDL Watershed Name:		Watts Creek - (NW Br. Ba	ack River)
TMDL Group ID:	76115		
VAT-C07E_WAT01A06	Watts Creek - (NW Br. Back River)	POQUOSON CITY CITY	Located southwest of Poquoson. Watts Cr. trib to Northwest Br. of Back R. Portion of DSS condemnation # 054-021B. CBP segment MOBPH.
VA Overall AU Category: <b>5A</b> Use	Impairment 0.01 SQUARE MILES TMDL Group ID	First Listed on 303(d) TMDL Schedu	le Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform 76115 Sources: Source Unknown	2006 2010	DSS shellfish condemnation # 054-215 C.

DRAFT 6/28/2006 Page 1895 of 2156

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins West Neck Creek, Upper TMDL Watershed Name: TMDL Group ID: 00190 West Neck Creek (Upper) to London Bridge VAT-C08E\_WNC01A00 VIRGINIA BEACH CITY From Princess Anne Rd. crossing downstream to junction with London Creek Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation. VA Overall AU Category: Use **Impairment** 0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category 00190 2006 2010 The Recreation Use is impaired due to exceedance (10 violates / 15 obs.) of the **Enterococcus** Recreation criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached. Sources: Source Unknown TMDL Watershed Name: Westerhouse Creek - North Branch (Part A) TMDL Group ID: 00436 VAT-C14E\_WHS01A06 Westerhouse Creek - North Branch (Part A) NORTHAMPTON CO In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 A. VA Overall AU Category: 5A **Impairment** 0.03 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Use Shellfishing **Fecal Coliform** 00436 1998 2010 DSS shellfish condemnation # 085-199 A. Sources: Source Unknown TMDL Watershed Name: Westerhouse Creek - South Branch (Part B) TMDL Group ID: 00439 VAT-C14E WHS02A06 Westerhouse Creek - South Branch (Part B) **NORTHAMPTON CO** In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 B. 5A VA Overall AU Category: **Impairment** 0.05 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category 00439 Shellfishing **Fecal Coliform** 1998 2010 DSS shellfish condemnation # 085-199 A.

DRAFT 6/28/2006 Page 1896 of 2156

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Att	lantic/Small Coastal Basins		
TMDL Watershed Name:		Whays Creek	
TMDL Group ID:	00973		
VAP-C01E_WHY01A98	Whays Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089F, 4/16/2004. Area expanded for the 2006 cycle.
			CB5MH.
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.14 SQUARE MILES TMDL Grou	up ID First Listed on 303(d) TMDL Schedu 3 1998 2010	Impairment Specific Comments and/or Impairment Specific VA Category 00973 (SF)
			VAP-C01E-05
			VDH-DSS Shellfish Condemnation Notice 013-089F, 4/16/2004. Area expanded for the 2006 cycle.
	Sources: Source Unkn	-	
TMDL Watershed Name:		White House Cove - I	Upper
TMDL Group ID:	01750		
VAT-C07E_WHH01A06	White House Cove - Upper	POQUOSON CITY CITY	Located in York Haven Anchorage area, south of mouth of Poquoson R, area of DSS Shellfish condemnation # 053-137 H. CBP segment MOBPH.
VA Overall AU Category: 5A Use Shellfishing	Impairment 0.10 SQUARE MILES TMDL Grou  Fecal Coliform 0175  Sources: Source Unkn		Impairment Specific Comments and/or Impairment Specific VA Category DSS Shellfish condemnation # 053-137 H.
TMDL Watershed Name:		Wilson Creek	
TMDL Group ID:	01019		
VAP-C05E_WIL01A98	Wilson Creek	GLOUCESTER CO	Described in the condemnation notice 043-096B, 7/6/2004.
			Segment expanded in 2006 cycle
			МОВРН
VA Overall AU Category: <b>5A</b> Use Shellfishing	Impairment 0.34 SQUARE MILES TMDL Group On 101	up ID First Listed on 303(d) TMDL Schedu 9 <b>1998 2010</b>	lle Impairment Specific Comments and/or Impairment Specific VA Category VAP-C05E-02
	Sources: Source Unkn	own	VDH Shellfish Condemnation 043-096B, 7/6/2004

**Assessment Assessment Unit Description Waterbody Name** City / County\* **Unit ID** Chesapeake Bay/Atlantic/Small Coastal Basins TMDL Watershed Name: Wilton Creek TMDL Group ID: 00193 VAP-C03E\_WLT01A98 Wilton Creek MIDDLESEX CO Described in the condemnation notice 126, 3/2/1993. PIAMH. VA Overall AU Category: **Impairment** 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 00193 1998 2005 Cat 4A for Shellfish. 00193 (SF) VAP-C03E-05 VDH-DSS SFC Notice 126, 3/2/1993. This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 126, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A. Sources: Non-Point Source **Winder Creek** TMDL Watershed Name: TMDL Group ID: 01007 MATHEWS CO VAP-C04E MID01A02 **Winder Creek** As described in the condemnation notice 037-099C, 4/28/2004. **PIAMH** VA Overall AU Category: **Impairment** 0.01 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Use Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing **Fecal Coliform** 01007 2002 2014 VAP-C04E-25

DRAFT 6/28/2006 Page 1898 of 2156

Sources: Source Unknown

VDH-DSS Shellfish Condemnation 037-099C, 4/28/2004

VA Overall AU Category: Use Shellfishing Fecal Coliform T6560 Sources: Source Unknown  TMDL Watershed Name:  VAT-C10E_YOU01A06 VA Overall AU Category: Use Shellfishing T6560 T7650	Assessment Unit ID	Waterbody Name	City / County*	* Assessment Unit Description
VAP-C04E_WIN01A06	Chesapeake Bay/At	lantic/Small Coastal Basins		
VAP-C04E_WIN01A06	TMDL Watershed Name:		Winter	Harbor
VA Overall AU Category: Use Shellfishing  Fecal Coliform  O.11 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Sources: Source Unknown  TMDL Watershed Name: TMDL Group ID:  VAT-D02E_WMB02A06 VA Overall AU Category: Shellfishing  Fecal Coliform  O.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Sources: Source Unknown  ACCOMACK CO Southeast of Persimmon Point, at the mouth of Assawoman Creek. DS shellfish condemnation #099-135A (Effective date 2004-12-30).  VA Overall AU Category: Shellfishing  Fecal Coliform  O.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Sources: Source Unknown  TMDL Watershed Name:  TMDL Watershed Name:  TMDL Watershed Name:  TMDL Group ID:  O.0336  VA-COMACK CO Southeast of Persimmon Point, at the mouth of Assawoman Creek. DS shellfish condemnation #099-135A (Effective date 2004-12-30).  VA Overall AU Category: Sources: Source Unknown  TMDL Watershed Name:  TMDL Group ID:  O.0336  VA-COMACK CO Northeast of Town of Guilford. Upper portion of creek, from end of lidal waters downstream to end of DSS condemnation. Portion of CBP segregation and the sequence of	TMDL Group ID:	10117		
VA Overall AU Category: Use   Shellfishing   She	VAP-C04E_WIN01A06	Winter Harbor	MATHEWS CO	Described in the condemnation notice 038-178A, 4/29/2004.
Impairment   O.11   SQUARE MILES TMDL Group ID   First Listed on 303(d)   TMDL Schedule   Impairment Specific Comments and/or Impairment Specific VA Category   VAP-CO4E-16   VDH Shellfish Condemnation 038-178A, 4/29/2004				СВ6РН
TMDL Watershed Name:  TMDL Group ID:  TMDL Watershed Name:  TMDL Watershed Name:  TMDL Group ID:  TMDL Group I	Use			
TMDL Watershed Name:  TMDL Group ID:  76560  VAT-D02E_WMB02A06  VA Overall AU Category: Use Shellfishing  Fecal Coliform  TMDL Group ID:  76560  VAT-C10E_YOU01A06  V				VDH Shellfish Condemnation 038-178A, 4/29/2004
VAT-D02E_WMB02A06  Vomans Bay - Southern Portion  VA Overall AU Category: Use Shellfishing  Fecal Coliform  TMDL Watershed Name:  TMDL Group ID:  VAT-C10E_YOU01A06  VA Overall AU Category: Use Shellfishing  VAT-C10E_YOU01A06  VAT-C10E_YOU01A06  VAT-C10E_YOU01A06  VA Overall AU Category: Ose Source Unknown  TMDL Watershed Name:  TMDL Group ID:  O0.336  VAT-C10E_YOU01A06  V		Sources: Source	Unknown	
VAT-D02E_WMB02A06 Womans Bay - Southern Portion ACCOMACK CO Southeast of Persimmon Point, at the mouth of Assawoman Creek. DS shellfish condemnation # 099-135A (Effective date 2004-12-30).  VA Overall AU Category: Use Shellfishing Fecal Coliform 76560 2006 2018 Added to DSS shellfish condemnation # 099-135A for 2006 IR. Effective date 2005 Sources: Source Unknown  TMDL Watershed Name: Young Creek - Upper  TMDL Group ID: 00336  VAT-C10E_YOU01A06 Young Creek - Upper  VA Overall AU Category: Use Shellfishing Fecal Coliform 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Added to DSS shellfish condemnation # 099-135A for 2006 IR. Effective date 2007 Sources: Source Unknown  YOUNG Creek - Upper  ACCOMACK CO Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segn POCMH. DSS shellfish condemnation # 076-176 C.  VA Overall AU Category: Use Shellfishing Fecal Coliform 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category DSS shellfish condemnation # 076-176 C.	TMDL Watershed Name:		Womans Bay - S	Southern Portion
VA Overall AU Category: Use Shellfishing  Fecal Coliform  TMDL Watershed Name:  TMDL Group ID:  VAT-C10E_YOU01A06  VA Overall AU Category: Use Shellfishing  Fecal Coliform  TMDL Group ID:  T	TMDL Group ID:	76560		
Shellfishing Fecal Coliform 76560 2006 2018 Added to DSS shellfish condemnation # 099-135A for 2006 IR. Effective date 20 30.  **TMDL Watershed Name:**  **TMDL Group ID:**  **Vat-C10E_YOU01A06**  **Vat-C10E_YOU01A06**  **Vang Creek - Upper**  **Upper**  **ACCOMACK CO***  **Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment of CB	VAT-D02E_WMB02A06	Womans Bay - Southern Portion	ACCOMACK CO	· · · · · · · · · · · · · · · · · · ·
TMDL Watershed Name: Young Creek - Upper  TMDL Grow ID: 00336  VAT-C10E_YOU01A06 YOung Creek - Upper ACCOMACK CO Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segn POCMH. DSS shellfish condemnation # 076-176 C.  VA Overall AU Category: 5A Use Impairment	Use	1		2018 Added to DSS shellfish condemnation # 099-135A for 2006 IR. Effective date 2004-13
VAT-C10E_YOU01A06  VAT-C10E_YOU01A06  VA Overall AU Category: Use  Shellfishing  VAT-C10E_YOU01A06  Young Creek - Upper  ACCOMACK CO  Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment of DSS shellfish condemnation # 076-176 C.  Impairment  0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule  Impairment Specific Comments and/or Impairment Specific VA Category  Shellfish condemnation # 076-176 C.		Sources: Source	Unknown	
VAT-C10E_YOU01A06  VAT-C10E_YOU01A06  Young Creek - Upper  ACCOMACK CO  Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment of DSS shellfish condemnation # 076-176 C.  VA Overall AU Category: Use  Shellfishing  Fecal Coliform  0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule  Impairment Specific Comments and/or Impairment Specific VA Category  The condemnation # 076-176 C.	TMDL Watershed Name:		Young Cre	eek - Upper
waters downstream to end of DSS condemnation. Portion of CBP segning POCMH. DSS shellfish condemnation # 076-176 C.  VA Overall AU Category: Use Shellfishing  Fecal Coliform  0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category  0.14 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule  1 Impairment Specific Comments and/or Impairment Specific VA Category  1 Impairment Specific VA Category  1 Impairment Specific Comments and Specific VA Category  1 Impairment Specific VA Category  2 Impairment Specific VA Category  2 Impairment Specific VA Category  3 Impairment Specific VA Category  4 Impairment Specific VA Category  4 Impairment Specific VA Category  4 Impairment Specific VA Category  5 Impairment Specific VA Categor	TMDL Group ID:	00336		
Use Impairment 0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category Shellfishing Fecal Coliform 00336 1998 2010 DSS shellfish condemnation # 076-176 C.	VAT-C10E_YOU01A06	Young Creek - Upper	ACCOMACK CO	waters downstream to end of DSS condemnation. Portion of CBP segment
Shellfishing Fecal Coliform 00336 1998 2010 DSS shellfish condemnation # 076-176 C.		Impairment 0.13 SQUARE MILES TMD	ol Group ID First Listed on 303(d) Ti	IMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Sources: Source Unknown		Fecal Coliform	00336 <b>1998</b>	

Note: \* Assessment Units may extend across jurisdictional boundaries.

DRAFT 6/28/2006 Page 1899 of 2156